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Petroleum Marketing Monthly

September 1993

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U.S. Department of Energy
Washington DC 20585

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Updated on Wednesdays (Thursdays in the event of a holiday) at 5:00 p.m.
- *Petroleum Supply Monthly*
Updated on the 20th of the month.
- *Petroleum Marketing Monthly*
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- *Natural Gas Monthly*
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Updated Thursdays at 5:00 p.m.

Preface

The *Petroleum Marketing Monthly* is prepared by the Petroleum Marketing Division, Office of Oil and Gas, Energy Information Administration.

The *Petroleum Marketing Monthly* (PMM) is designed to give information and statistical data about a variety of crude oils and refined petroleum products. The publication provides statistics on crude oil costs and refined petroleum products sales for use by industry, government, private sector analysts, educational institutions, and consumers. Data on crude oil include the domestic first purchase price, the f.o.b. and landed cost of imported crude oil, and the refiners' acquisition cost of crude oil. Sales data for motor gasoline, distillates, residuals, aviation fuels, kerosene, and propane are presented.

Scope of Data

The data within the *Petroleum Marketing Monthly* are compiled from six Energy Information Administration (EIA) survey forms. The crude oil statistics are calculated from data collected on the following three survey forms: Form EIA-182, "Domestic Crude Oil First Purchase Report"; Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report"; and Form EIA-14, "Refiners' Monthly Cost Report."

The statistics on petroleum product sales prices and volumes are derived from Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report" and Form EIA-782B, "Resellers/Retailers' Monthly Petroleum Product Sales Report."

The data presented in Tables 47 to 49 are derived from aggregations of data from the Form EIA-782C, "Monthly Report of Petroleum Products Sold into States for Consumption."

Information concerning standard errors for prices of motor gasoline, No. 2 distillate (including No. 2 fuel oil), and residual fuel oil, are presented in Tables 50 to 54. The Form EIA-782 survey response rates are presented in Table 55.

Sections

Monthly statistics on purchases of crude oil and sales of petroleum products are presented in the *Petroleum Marketing Monthly* in five sections:

- Summary of Crude Oil and Petroleum Products
- Crude Oil Prices
- Sales Prices of Petroleum Products
- Sales Volumes of Petroleum Products
- Prime Supplier Sales Volumes of Petroleum Products for Local Consumption.

The publication highlights salient statistics for the United States in the summary section. More detailed geographic coverage occurs in the other four sections. Geographic coverage for crude oil includes country of origin for foreign crude and Petroleum Administration for Defense (PAD) Districts and individual States for domestic crude oil. Geographic coverage of the petroleum products includes PAD Districts and individual States.

Detailed statistics for crude oil, including the price of imported crude oil by country of origin, by gravity, and by crude stream, can be found in the Crude Oil Prices section. The Product Guide located at the end of this publication provides a detailed breakdown of the table coverage.

PAD District and/or State-level statistics for petroleum products are presented in the Prices, Volumes, and Prime Supplier Sales of Petroleum Products sections. To aid the reader in determining the market changes, the majority of the tables show data for the report month and previous month for the current year, and the report month for the previous year.

Notes on the Tables

- For the crude oil statistics referencing Form EIA-182, United States includes the 50 States, the outer continental shelf, and the District of Columbia. For crude oil statistics referencing either Form EIA-14 or Form EIA-856, United States includes the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, and all American territories and possessions. For the petroleum

products data, United States includes the 50 States and the District of Columbia.

- Prices exclude taxes. Refer to the Explanatory Notes for a tax table on motor fuels.
- Some of the tables use State abbreviations. Refer to the Explanatory Notes for a table of U.S. Postal State abbreviations.
- "Seller" comprises the categories of major refiners, other refiners (including gas plant operators), and resellers as defined in the Glossary.
- References to "Refiners" include gas plant operators (see the Glossary for definition of "Gas Plant Operators.").
- "Prime Supplier" refers to a firm that produces, imports, or transports any of the selected petroleum products across State boundaries and local marketing areas and sells the product to local distributors, local retailers, or end users.
- The category "Company Outlets" refers to sales made through company-operated retail outlets (see Glossary).
- No. 2 distillate volumes and prices are classified in accordance with what the product was sold as, regardless of the actual specifications of that product (see definitions of No. 2 distillate in the Glossary).

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Highlights

Highlights

Overview

Crude oil prices on international markets continued downward in June 1993, extending the overall decline seen since early March. A divisive meeting of the Organization of Petroleum Exporting Countries (OPEC) early in the month left world oil production above market requirements, while lackluster demand showed no convincing signs of a rebound. High refinery runs worldwide continued to turn surplus crude oil into products, spreading bulging inventories throughout world markets.

In the United States, crude oil prices declined consistently throughout the month, interrupted only by a slight uptick in the final week. The daily spot price of West Texas Intermediate (WTI) crude oil at Cushing, Oklahoma, started the month at its highest point, before falling steadily to a low of \$18.35 per barrel on June

22. Prices firmed slightly late in the month, with WTI closing at \$18.82 per barrel, \$1.22 below the price at the end of May. The composite refiner acquisition cost of crude oil in the United States dropped 90 cents (5.0 percent) in June, to \$17.26 per barrel.

Prices for petroleum products on U.S. markets in June were generally driven by falling crude oil prices, with differences in daily movements ascribed to product-specific supply factors. The daily price of unleaded regular gasoline on the New York Harbor spot market fell over 4 cents in the first half of the month to 53.2 cents per gallon on June 15, then wavered in the second half, ending at 54.4 cents, down nearly 3 cents from the end of May. The New York Harbor spot price for No. 2 heating oil fell less sharply early in June, then steadied, dropping only 2.4 cents over the course of the month. With increases in sales of both gasoline and distillate, total refiner sales of the major petroleum

Table HL1. U.S. Refiner Prices and Volumes of Petroleum Products
(Prices: Cents per Gallon Excluding Taxes, Volumes: Million Gallons per Day)

Products	Sales to End Users						Sales for Resale					
	June 1993		May 1993		June 1992		June 1993		May 1993		June 1992	
	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume
Motor Gasoline	79.7	60.5	80.1	57.6	84.5	60.4	66.2	276.2	69.2	264.0	74.2	271.7
Leaded Regular	78.2	.6	77.0	.6	85.0	.8	69.5	3.4	69.4	3.3	76.6	4.5
Unleaded Regular	75.1	39.6	75.6	37.6	80.3	39.6	82.9	190.8	66.1	181.7	71.2	186.6
Unleaded Midgrade	84.2	9.6	84.6	9.1	88.3	9.2	69.7	20.3	72.3	27.5	76.7	28.1
Premium	92.5	10.9	93.0	10.3	96.9	10.7	76.0	53.6	78.4	51.6	83.3	52.4
Aviation Gasoline	102.5	.2	102.2	.2	106.4	.2	99.1	.8	99.4	.7	101.5	.8
Kerosene-Type Jet Fuel	58.7	42.1	59.9	41.5	63.9	41.3	58.4	7.2	60.1	7.2	63.3	8.5
Propane (Consumer Grade)	63.9	2.3	67.3	2.0	54.5	2.7	33.8	23.2	34.0	19.0	31.6	20.7
Kerosene	65.3	.1	68.8	.1	68.7	.1	56.9	.8	58.3	.9	63.7	.9
No. 1 Distillate	64.0	.3	65.8	.2	69.3	.2	63.0	.7	66.5	.6	69.3	.6
No. 2 Distillate	60.2	24.1	62.0	22.3	64.7	25.0	56.1	95.0	56.4	90.8	62.2	92.4
No. 2 Fuel Oil	57.8	2.9	59.8	2.4	62.9	2.9	54.9	42.6	56.9	40.1	61.7	41.9
No. 2 Diesel Fuel	60.6	21.1	62.3	19.9	64.9	22.1	57.2	52.4	59.6	50.7	62.7	50.4
No. 4 Fuel ^a	50.2	.4	52.3	.4	52.5	.2	46.9	.2	51.3	.2	49.5	.1
Residual Fuel Oil	34.7	17.1	36.8	15.2	34.6	21.6	30.0	11.2	31.0	13.8	32.5	16.2
Sulfur Content not > 1 %	40.6	6.1	41.9	5.3	38.8	5.2	33.7	5.6	34.7	6.4	35.9	5.8
Sulfur Content > 1 %	31.5	11.0	34.1	9.9	33.1	16.3	26.3	5.6	27.8	7.3	30.7	10.5

^a Includes No. 4 fuel oil and No. 4 diesel fuel.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Totals or averages may not equal the sum of components due to rounding.

Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

products rose 25.7 million gallons (4.8 percent) from May.

June sales activity for crude oil and the principal petroleum product groups is summarized in the following sections.

Crude Oil

The average free-on-board (f.o.b.) cost of imported crude oil purchased in June fell \$1.18 (7.3 percent) to \$15.06 per barrel. The average landed cost of foreign crude oil declined \$1.11 (6.4 percent) to \$16.33 per barrel. Domestic crude oil first purchase prices dropped 96 cents (6.0 percent) to \$15.01 per barrel.

The average refiner acquisition cost of domestic crude oil in June was \$17.70 per barrel, a drop of 73 cents (4.0 percent) from May. The average cost of imported crude oil to U.S. refiners declined \$1.09 (6.1 percent) to \$16.80 per barrel.

Motor Gasoline

Total refiner sales of finished motor gasoline in June rose 15.1 million gallons per day (4.7 percent) from May levels, to 336.7 million gallons per day. Retail sales rose 2.9 million gallons per day (5.0 percent), while wholesale sales climbed 12.2 million gallons per day (4.6 percent).

Average refiner prices for motor gasoline fell in all categories, with retail prices dropping 0.4 cent to 79.7 cents per gallon, and wholesale prices falling 3.0 cents to 66.2 cents per gallon. Including data reported by the sample of motor gasoline marketers, national average retail prices fell 0.4 cent to 79.3 cents per gallon

at company-operated retail outlets, and 1.8 cents to 74.2 cents per gallon for sales to other end users. Average wholesale prices declined 2.9 cents to 66.4 cents per gallon.

No. 2 Distillate

Total refiner sales of No. 2 distillate gained 6.0 million gallons per day (5.3 percent), to 119.0 million gallons per day. No. 2 fuel oil sales rose 3.1 million gallons per day (7.3 percent), while No. 2 diesel fuel sales increased 2.9 million gallons per day (4.1 percent).

Average retail prices fell in all categories in June. The national average residential price dropped 2.0 cents to 89.0 per gallon, and the average wholesale price declined 2.2 cents to 56.7 cents per gallon.

Residual Fuel Oil

Total refiner sales of residual fuel oil decreased 600,000 gallons per day (2.1 percent) to 28.3 million gallons per day. High sulfur residual fuel sales accounted for all of the decrease (3.5 percent), while low-sulfur residual fuel sales remained flat at 11.7 million gallons per day.

Refiner retail prices fell 1.3 and 2.6 cents per gallon for low-sulfur and high-sulfur residual fuel, respectively. Residual fuel wholesale prices for sales by refiners decreased 1.0 cent per gallon for low-sulfur and 1.5 cents per gallon for high-sulfur. Including data reported by the sample of residual fuel oil marketers, average retail prices declined 1.6 cents per gallon for low-sulfur and 1.8 cents per gallon for high-sulfur, and average wholesale prices fell 0.6 and 1.4 cents per gallon for low-sulfur and high-sulfur, respectively.

Summary Statistics

Table 1. Crude Oil Prices
(Dollars per Barrel)

Year Month	Domestic First Purchase Prices	Average FOB ^a Cost of Crude Oil Imports ^b	Average Landed Cost of Crude Oil Imports ^b	Refiner Acquisition Cost of Crude Oil		
				Domestic	Imported	Composite
1978 Average	9.00	13.29	14.35			
1979 Average	12.64	20.07	21.45	10.61	14.57	12.46
1980 Average	21.59	32.37	33.67	14.27	21.67	17.72
1981 Average	31.77	35.15	36.47	24.23	33.89	28.07
1982 Average	28.52	32.02	33.18	34.33	37.05	35.24
1983 Average	26.19	27.81	28.93	31.22	33.55	31.87
1984 Average	25.88	27.60	28.54	28.87	29.30	28.99
1985 Average	24.09	25.84	26.67	28.53	28.88	28.63
1986 Average	12.51	12.52	13.49	26.66	26.99	26.75
1987 Average	15.40	16.69	17.85	14.82	14.00	14.55
1988 Average	12.58	13.25	14.08	17.76	18.13	17.90
1989 Average	15.86	16.89	17.68	14.74	14.56	14.67
1990 Average	20.03	20.37	21.13	17.87	18.08	17.97
1991				22.59	21.76	22.22
January	19.60	19.95	20.86			
February	16.28	16.31	17.26	23.25	22.30	22.85
March	15.13	15.89	17.16	19.55	18.30	19.03
April	16.16	16.58	17.78	18.12	17.58	17.89
May	16.44	16.45	17.82	18.56	18.32	18.46
June	15.58	15.81	17.16	18.98	18.36	18.70
July	16.36	16.73	17.84	18.16	17.78	17.98
August	16.60	16.99	18.20	18.91	18.14	18.57
September	16.71	17.48	18.63	19.10	18.71	18.92
October	17.72	18.12	19.03	19.31	19.00	19.17
November	17.12	17.51	18.33	20.39	19.86	20.16
December	14.68	15.11	16.19	20.01	19.35	19.72
1991 Average	16.54	16.89	18.02	17.84	17.17	17.56
1992				19.33	18.70	19.06
January	13.99	14.32	15.28			
February	14.04	14.68	15.60	16.80	16.10	16.50
March	14.12	14.96	16.00	16.54	16.00	16.30
April	15.36	16.57	17.40	16.71	16.38	16.56
May	16.38	17.56	18.38	17.88	17.37	17.66
June	17.96	18.38	19.44	18.86	18.79	18.83
July	17.80	18.01	19.13	20.13	19.83	19.99
August	17.07	17.65	18.74	20.42	19.74	20.10
September	17.20	18.04	18.90	19.84	19.25	19.56
October	17.16	17.68	18.75	19.88	19.26	19.59
November	16.00	16.49	17.64	19.64	19.34	19.49
December	14.94	15.62	16.58	18.90	18.40	18.66
1992 Average	15.99	16.77	17.75	17.85	16.94	17.43
1993				18.63	18.20	18.43
January	14.64	15.24	16.34			
February	15.47	16.09	17.12	17.40	16.78	17.10
March	15.88	16.61	17.56	17.84	17.41	17.64
April	16.08	16.39	17.58	18.31	17.82	18.08
May	15.97	16.24	17.44	18.49	18.35	18.42
June	15.01	15.06	16.33	18.43	17.89	18.16
				17.70	16.80	17.26

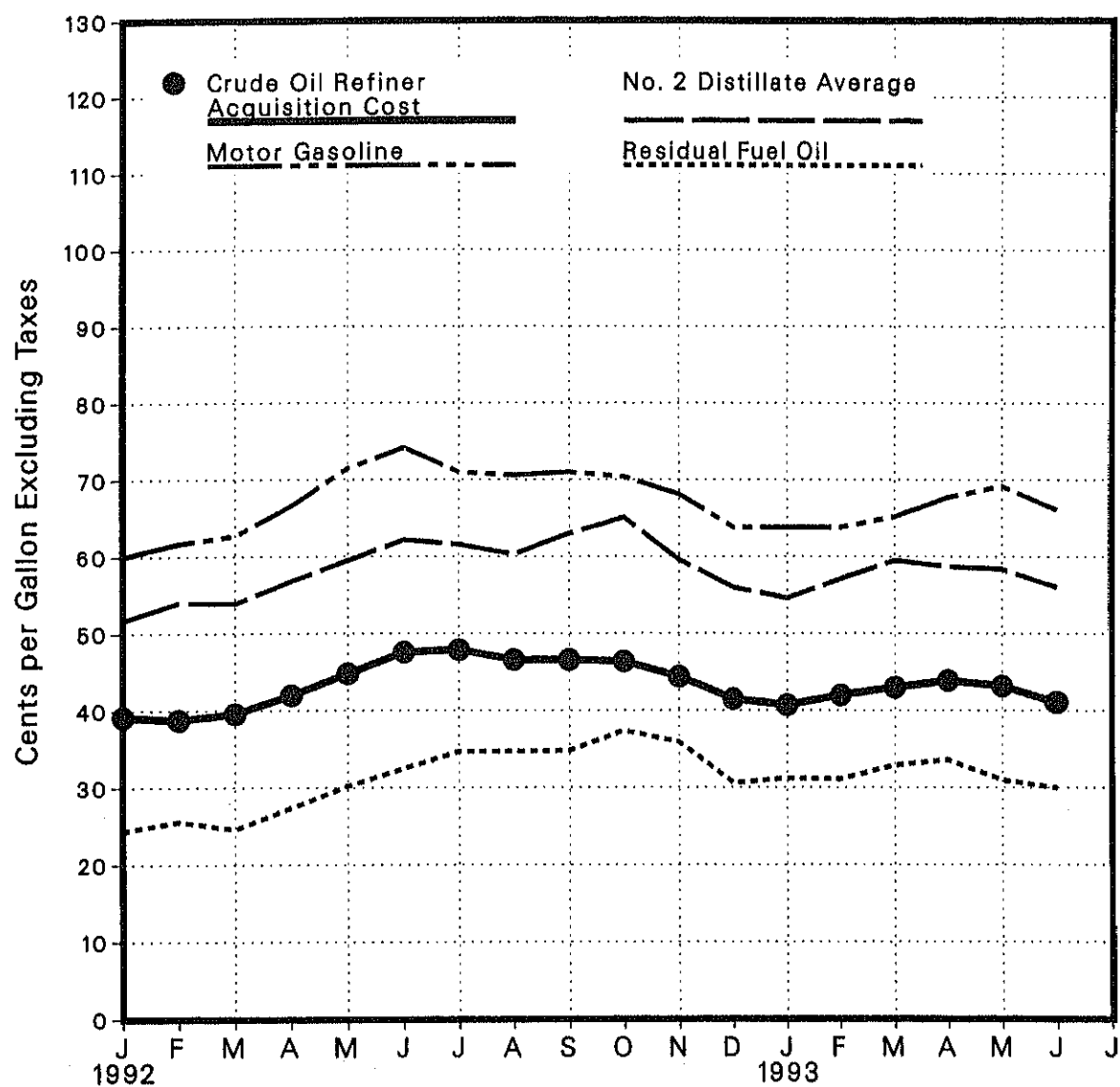
^a FOB = Free on Board. See Glossary.

^b Values through 1980 reflect the month of reporting; values since then reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail.

Note: Values for Domestic First Purchase and Refiner Acquisition for the current month, and for Average FOB and Average Landed for current 2 months are preliminary. Values shown for previous months are revised. Data are final upon publication in the Petroleum Marketing Annual.

Sources: Domestic first purchase prices -- See "Sources" from Table 20. Crude oil imports costs -- See "Sources" from Table 21. Refiner acquisition costs -- See "Sources" from Table 19.

Figure 1. Comparison of Crude Oil Prices to U.S. Wholesale Product Prices



Source: Energy Information Administration, Crude Oil: Form EIA-14, "Refiners Monthly Cost Report." Products: Form EIA-782A, "Refiners/Gas Plant Operators Monthly Petroleum Product Sales Report."

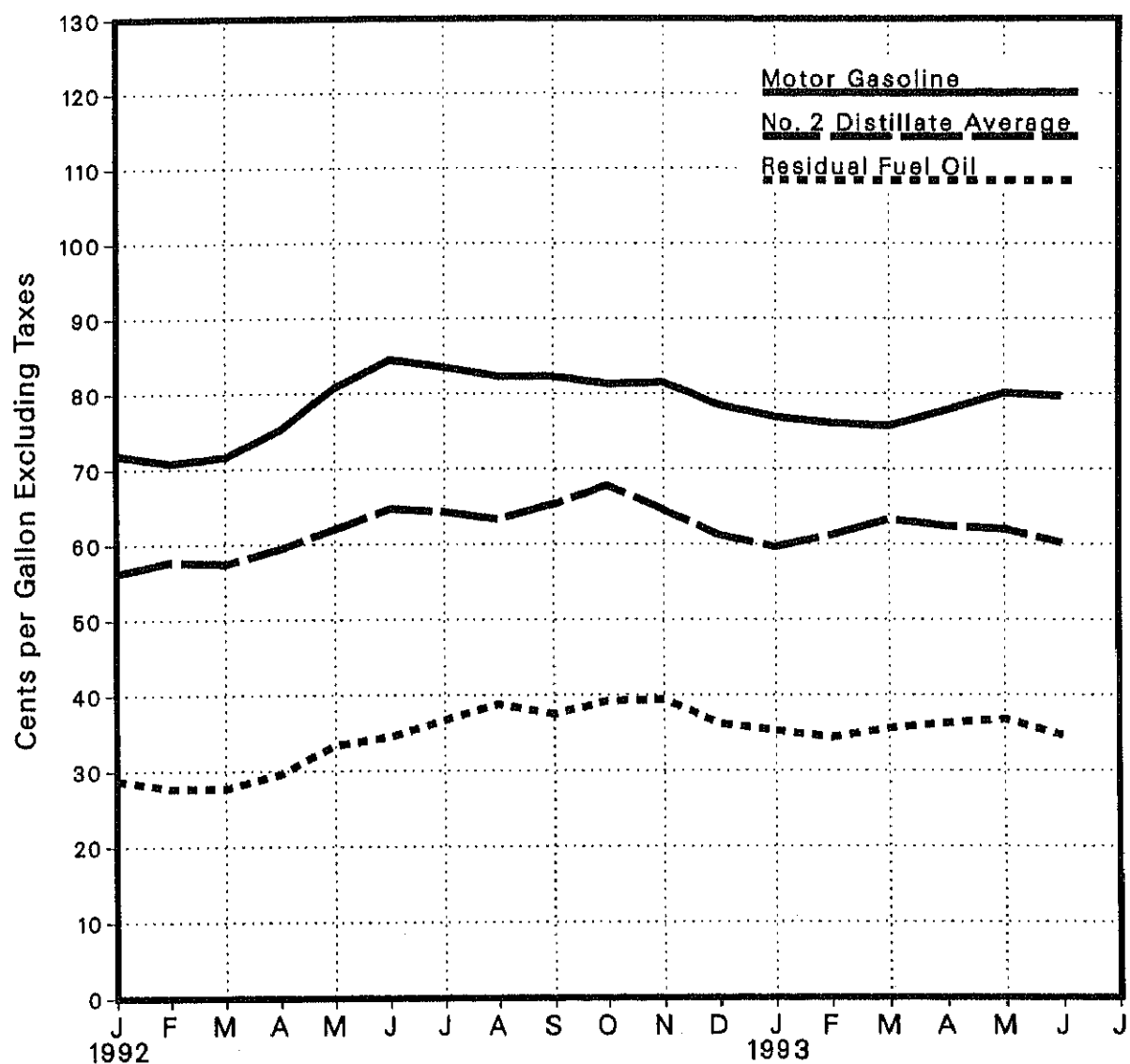
Table 2. U.S. Refiner Prices of Petroleum Products to End Users
(Cents per Gallon Excluding Taxes)

Year Month	Motor Gasoline	Aviation Gasoline	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel ^a	Residual Fuel Oil
							No. 2 Fuel Oil	No. 2 Diesel Fuel	Average		
1978 Average	48.4	51.6	38.7	33.5	42.1	40.9	40.0	37.7	39.6	31.1	29.8
1979 Average	71.3	68.9	54.7	35.7	58.5	57.2	51.6	58.5	55.1	47.9	43.6
1980 Average	103.5	108.4	86.8	48.2	90.2	83.4	78.8	81.8	80.4	68.2	60.7
1981 Average	114.7	130.3	102.4	56.5	112.3	103.9	91.4	99.5	95.8	79.7	75.6
1982 Average	106.0	131.2	96.3	59.2	108.9	102.3	90.5	94.2	92.5	75.0	67.6
1983 Average	95.4	125.5	87.8	70.9	96.1	96.2	91.6	82.6	83.9	76.6	65.1
1984 Average	90.7	123.4	84.2	73.7	103.6	92.7	91.6	82.3	83.7	79.6	68.7
1985 Average	91.2	120.1	79.6	71.7	103.0	88.0	84.9	78.9	79.9	77.3	61.0
1986 Average	62.4	101.1	52.9	74.5	79.0	62.0	56.0	47.8	49.1	48.9	34.3
1987 Average	68.9	90.7	54.3	70.1	77.0	60.4	58.1	55.1	55.6	51.3	42.3
1988 Average	67.3	89.1	51.3	71.4	73.8	56.4	54.4	50.0	50.7	46.1	33.4
1989 Average	75.6	99.5	59.2	61.5	70.9	66.1	58.7	58.5	58.5	51.2	38.5
1990 Average	88.3	112.0	76.6	74.5	92.3	81.9	73.4	72.5	72.6	62.2	44.4
1991											
January	88.8	112.1	81.1	86.7	105.0	89.0	84.3	80.5	81.2	75.4	53.4
February	79.5	108.4	73.7	81.4	96.9	77.8	75.2	71.4	72.0	60.2	39.8
March	74.0	101.3	62.1	76.0	88.8	68.4	64.5	61.8	62.2	54.8	32.3
April	77.0	101.2	58.7	67.4	73.8	67.6	61.6	60.6	60.8	54.1	30.2
May	82.0	105.3	60.1	66.7	89.3	65.5	58.9	60.1	59.9	51.5	31.0
June	81.9	105.2	59.2	62.8	62.3	62.8	56.3	57.9	57.7	49.5	29.5
July	78.9	103.6	59.7	61.1	64.7	64.7	59.1	59.5	59.4	50.0	31.2
August	81.1	105.8	63.8	63.6	68.7	68.2	62.3	63.3	63.2	53.6	31.1
September	80.2	105.7	66.6	65.0	73.6	69.7	63.9	64.8	64.7	52.9	30.8
October	77.9	104.6	67.8	68.0	81.6	73.5	68.5	68.0	68.1	58.4	32.3
November	79.1	104.3	69.6	73.7	94.3	76.3	70.9	69.7	69.9	57.5	35.1
December	76.0	102.0	61.5	78.2	85.8	66.3	63.0	60.9	61.2	54.3	33.1
1991 Average	79.7	104.7	65.2	73.0	83.8	74.0	66.5	64.8	65.0	58.0	34.0
1992											
January	71.9	98.5	54.2	71.3	83.3	60.6	59.7	55.5	56.2	50.6	28.8
February	70.8	98.5	56.5	NA	78.3	63.1	62.0	57.1	57.7	49.8	27.7
March	71.6	98.0	55.5	66.4	80.2	63.2	61.4	56.8	57.4	51.8	27.7
April	75.2	99.1	57.3	70.3	78.3	65.3	60.6	59.2	59.4	49.7	29.6
May	80.8	102.4	61.0	62.5	73.3	67.4	60.9	62.1	62.0	51.7	33.4
June	84.5	106.4	63.9	54.5	68.7	69.3	62.9	64.9	64.7	52.5	34.5
July	83.5	106.8	64.9	52.3	70.5	68.9	62.8	64.5	64.3	51.9	36.7
August	82.3	105.7	64.2	55.8	69.0	68.2	62.3	63.4	63.3	55.3	38.8
September	82.3	104.9	64.6	60.3	70.5	73.2	65.6	65.3	65.3	55.2	37.5
October	81.3	104.3	66.4	59.9	87.2	75.1	68.2	67.8	67.8	57.9	39.2
November	81.5	103.4	62.7	61.1	83.3	72.0	64.3	64.5	64.5	56.3	39.4
December	78.5	101.3	58.9	68.4	84.0	66.6	63.6	60.8	61.2	53.7	36.2
1992 Average	78.4	102.7	61.0	66.2	78.6	66.5	62.7	61.8	61.9	52.6	33.8
1993											
January	76.9	100.3	58.5	74.8	82.4	64.4	62.7	59.0	59.6	52.4	35.3
February	76.1	99.9	59.8	74.3	81.3	66.5	64.6	60.6	61.2	52.4	34.4
March	75.7	99.4	60.6	75.4	83.2	69.2	66.2	62.9	63.3	54.5	35.6
April	77.8	100.7	59.7	69.4	77.0	68.9	61.9	62.5	62.4	54.8	36.3
May	80.1	102.2	59.9	67.3	68.8	65.8	59.8	62.3	62.0	52.3	36.8
June	79.7	102.5	58.7	63.9	65.3	64.0	57.8	60.6	60.2	50.2	34.7

^a Includes No. 4 fuel oil and No. 4 diesel fuel.
NA = Not available.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.
Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," January 1983 forward. Energy Information Administration Form EIA-460, "Petroleum Industry Monthly Report for Product Prices," source for backcast estimates prior to January 1983.

Figure 2. U.S. Refiner Retail Product Prices



Source: Energy Information Administration, Form EIA-782A "Refiners/Gas Plant Operators Monthly Petroleum Product Sales Report."

Table 3. U.S. Refiner Volumes of Petroleum Products to End Users
(Million Gallons per Day)

Year Month	Motor Gasoline	Aviation Gasoline	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel ^a	Residual Fuel Oil
							No. 2 Fuel Oil	No. 2 Diesel Fuel	Total		
1983 Average	51.1	0.4	30.8	3.1	0.2	0.5	3.7	23.3	27.0	0.7	28.3
1984 Average	57.6	.3	32.9	3.3	.3	.5	4.9	26.3	31.2	.7	32.9
1985 Average	57.5	.3	34.6	3.7	.3	.5	5.0	25.0	29.9	.5	25.2
1986 Average	61.4	.3	34.6	3.6	.3	.4	4.3	24.5	28.8	.6	31.7
1987 Average	61.0	.2	36.8	3.8	.3	.4	4.5	24.1	28.5	.6	29.0
1988 Average	61.0	.2	38.2	4.3	.3	.4	4.6	24.5	29.1	1.1	30.2
1989 Average	61.2	.2	40.1	2.8	.3	.5	4.5	24.3	28.8	.9	30.4
1990 Average	60.3	.2	39.9	2.7	.2	.5	3.6	22.2	25.9	.8	25.9
1991											
January	56.9	.2	37.3	5.0	.4	1.2	4.4	20.3	24.7	1.2	23.4
February	59.4	.2	35.4	3.8	.3	.8	3.6	19.8	23.4	1.0	22.7
March	61.6	.2	35.7	3.1	.2	.5	3.4	20.0	23.4	.8	25.4
April	62.0	.2	38.4	2.8	.2	.3	3.4	21.2	24.6	.7	22.1
May	62.2	.2	39.6	2.1	.1	.2	2.8	21.3	24.1	.4	23.2
June	63.3	.2	38.7	1.9	.2	.2	2.9	21.1	24.0	.5	25.0
July	62.6	.3	39.9	2.2	.2	.3	2.9	21.3	24.2	.6	28.3
August	62.5	.2	41.7	2.3	.3	.3	2.7	22.9	25.6	.5	24.8
September	60.3	.2	39.8	2.8	.1	.3	2.8	22.3	25.0	.5	23.1
October	61.2	.2	39.4	3.3	.2	.5	3.2	23.0	26.2	.4	19.8
November	60.4	.2	38.5	3.7	.2	.7	3.2	20.8	24.1	.6	21.7
December	61.5	.2	38.0	4.0	.3	.9	3.6	19.6	23.2	.7	27.6
1991 Average	61.2	.2	38.5	3.1	.2	.5	3.2	21.1	24.4	.7	24.0
1992											
January	56.4	.2	36.8	4.7	.3	.9	4.1	20.7	24.8	1.0	28.4
February	58.3	.2	37.9	4.5	.3	.7	3.4	20.6	23.9	.8	27.9
March	59.6	.2	38.5	3.8	.2	.5	3.3	21.9	25.2	.8	26.2
April	60.0	.2	39.3	2.7	.1	.3	3.2	22.4	25.6	.5	22.8
May	59.6	.2	39.1	2.1	.1	.2	2.8	21.3	24.1	.4	19.5
June	60.4	.2	41.3	2.7	.1	.2	2.9	22.1	25.0	.2	21.5
July	60.4	.2	42.0	3.2	.1	.3	2.8	22.0	24.8	.5	21.0
August	59.1	.2	42.1	3.1	.1	.2	2.6	21.6	24.2	.3	18.9
September	58.6	.2	41.3	3.4	.2	.3	2.7	22.4	25.1	.4	20.0
October	59.0	.2	40.3	4.3	.2	.4	3.0	22.0	25.1	.5	19.7
November	56.9	.2	40.1	5.4	.2	.6	2.8	20.6	23.3	.5	20.7
December	59.3	.2	38.9	5.9	.3	.9	3.6	20.7	24.3	.9	22.2
1992 Average	59.0	.2	39.8	3.7	.2	.5	3.1	21.5	24.6	.8	21.6
1993											
January	53.8	.1	39.2	4.9	.3	.8	3.4	19.7	23.2	.8	20.8
February	57.3	.2	39.2	5.2	.3	.9	3.7	20.5	24.2	.9	21.6
March	57.6	.2	40.8	4.4	.2	.6	3.4	21.1	24.5	.8	19.4
April	58.1	.2	40.7	3.1	.1	.3	3.0	21.3	24.3	.5	20.2
May	57.6	.2	41.5	2.0	.1	.2	2.4	19.9	22.3	.4	15.2
June	60.5	.2	42.1	2.3	.1	.3	2.9	21.1	24.1	.4	17.1

^a No. 4 fuel oil and No. 4 diesel fuel.

Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Figure 3. U.S. Refiner Retail Product Volumes

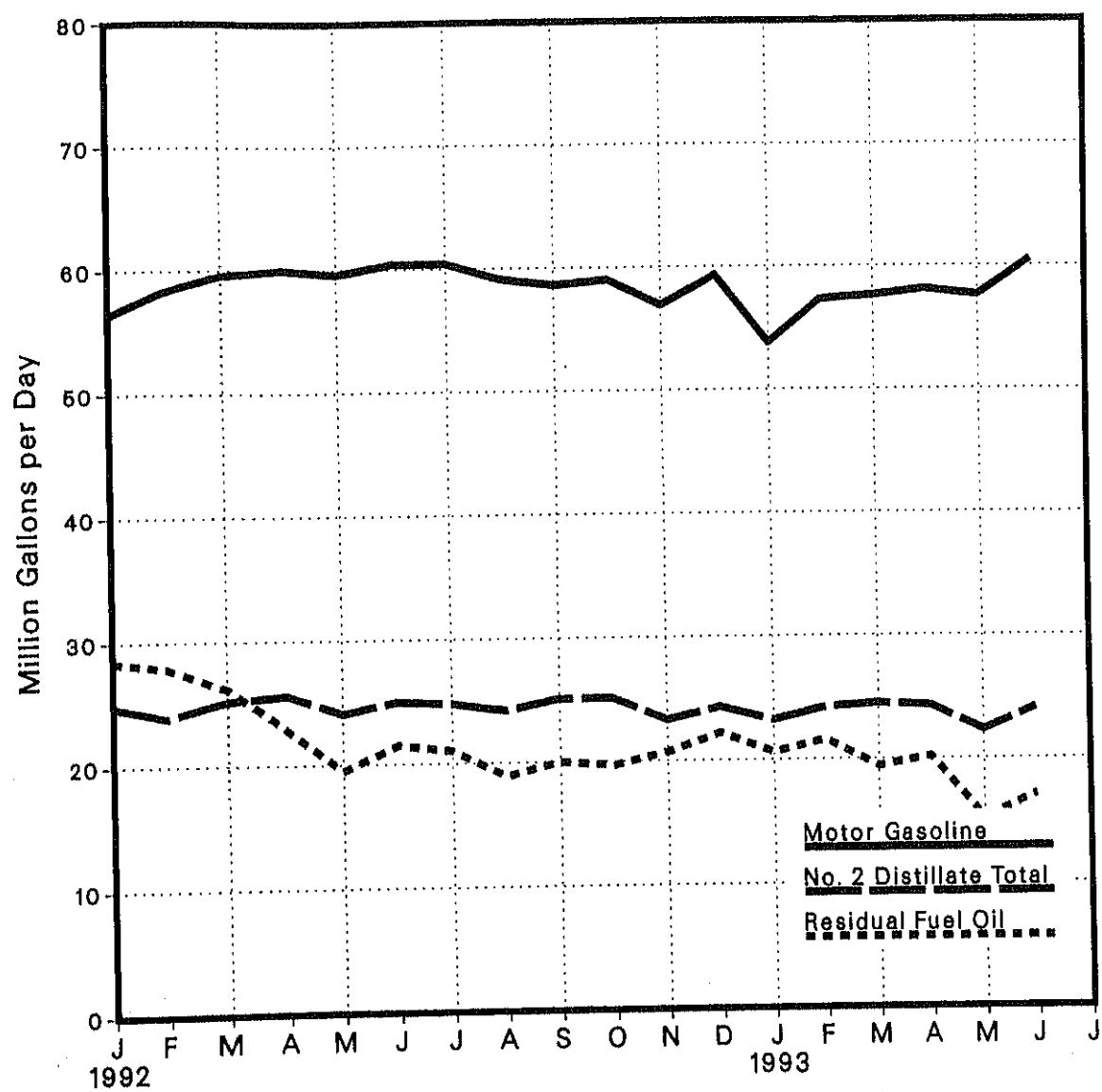


Table 4. U.S. Refiner Prices of Petroleum Products for Resale
(Cents per Gallon Excluding Taxes)

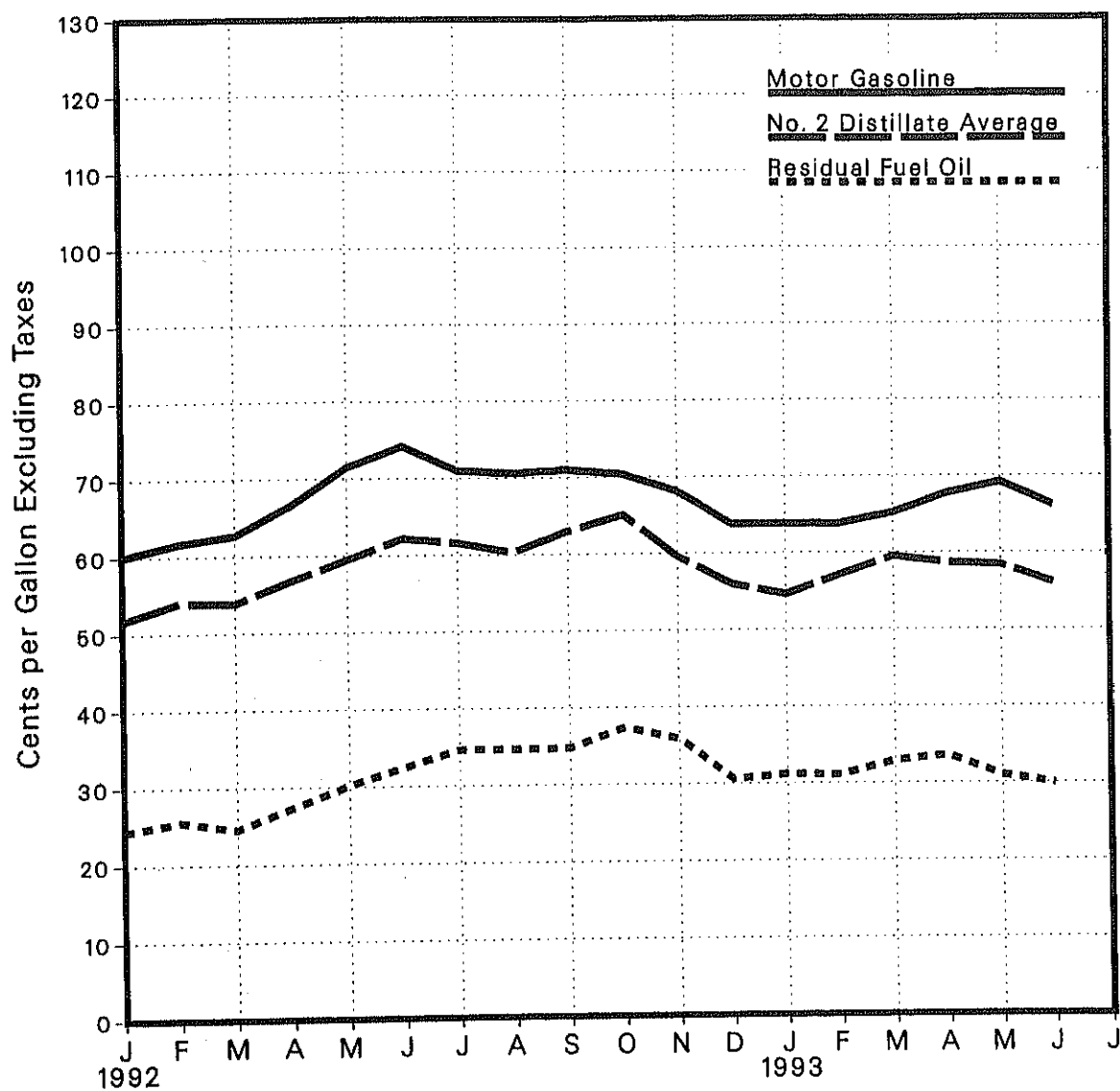
Year Month	Motor Gasoline	Aviation Gasoline	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel*	Residual Fuel Oil
							No. 2 Fuel Oil	No. 2 Diesel Fuel	Average		
1978 Average	43.4	53.7	38.6	23.7	40.4	40.6	36.9	36.5	36.7	30.5	26.3
1979 Average	63.7	72.1	66.0	29.1	62.4	58.3	56.9	57.4	57.1	47.0	39.9
1980 Average	94.1	112.8	86.8	41.5	86.4	88.0	80.3	80.1	80.2	67.0	52.8
1981 Average	106.4	125.0	101.2	46.6	106.6	107.1	97.6	97.2	97.4	78.3	66.3
1982 Average	97.3	122.8	95.3	42.7	101.8	103.8	91.4	91.4	91.4	73.7	61.2
1983 Average	89.2	117.8	85.4	48.4	89.2	89.6	81.5	80.8	81.2	72.6	60.9
1984 Average	83.2	116.5	83.0	45.0	91.6	89.2	82.1	80.3	81.3	70.7	65.4
1985 Average	83.5	113.0	79.4	39.8	87.4	86.3	77.6	77.2	77.4	67.2	57.7
1986 Average	53.1	91.2	49.5	29.0	60.6	57.9	48.6	45.2	47.0	40.9	30.5
1987 Average	58.9	85.9	53.8	25.2	59.2	59.9	52.7	53.4	53.1	46.2	38.5
1988 Average	57.7	85.0	49.5	24.0	54.9	54.9	47.3	47.3	47.3	42.5	30.0
1989 Average	65.4	95.0	58.3	24.7	66.9	66.8	56.5	56.7	56.6	48.0	36.0
1990 Average	78.6	106.3	77.3	38.6	83.9	83.8	69.7	68.4	69.5	59.0	41.3
1991											
January	76.2	111.2	82.0	42.2	88.0	85.7	76.6	75.5	76.1	71.6	50.2
February	68.0	104.2	74.0	31.6	78.1	74.7	67.9	67.4	67.7	60.1	33.4
March	67.3	97.4	62.4	31.3	66.2	66.0	59.6	57.7	58.6	52.9	28.2
April	70.7	97.8	58.9	31.8	63.0	65.4	57.2	57.4	57.3	50.3	28.7
May	74.2	100.3	60.8	31.9	61.4	63.3	56.0	57.2	56.7	47.0	30.3
June	70.5	99.5	58.8	29.3	59.0	58.9	54.0	54.5	54.3	45.3	29.7
July	69.1	98.9	59.4	27.6	62.6	62.4	56.7	57.1	56.9	46.8	28.8
August	72.7	100.2	63.3	29.6	67.1	67.8	60.6	61.9	61.3	49.5	27.9
September	69.1	99.9	65.9	34.9	68.9	69.6	62.1	62.9	62.5	46.6	27.9
October	68.8	98.8	67.1	40.2	73.5	73.6	66.3	65.6	65.9	50.8	29.5
November	69.9	99.5	68.2	43.0	74.6	75.6	66.6	66.5	66.6	54.4	30.7
December	62.9	97.3	60.1	37.7	62.6	64.7	55.9	55.6	55.7	53.4	28.9
1991 Average	69.9	100.1	65.0	34.9	72.2	73.0	62.2	61.5	61.8	55.6	31.4
1992											
January	60.0	94.9	53.9	30.9	59.9	58.4	51.9	51.4	51.7	49.5	24.4
February	61.7	93.1	55.2	30.2	62.0	62.1	54.0	54.1	54.0	48.2	25.6
March	62.7	92.5	54.6	29.5	59.1	62.3	53.7	54.0	53.9	46.5	24.6
April	66.6	96.4	56.9	29.0	61.6	64.3	56.5	57.0	56.8	46.5	27.4
May	71.5	100.5	60.8	29.4	62.1	66.6	58.8	60.1	59.5	48.4	30.2
June	74.2	101.5	63.3	31.6	63.7	69.3	61.7	62.7	62.2	49.5	32.5
July	71.0	102.0	64.8	31.5	65.7	68.8	61.3	61.8	61.6	49.5	34.7
August	70.6	102.6	63.9	32.9	64.2	68.0	60.1	60.4	60.3	49.1	34.7
September	71.0	102.3	64.3	35.4	68.8	71.4	62.7	63.3	63.0	50.1	34.8
October	70.4	100.5	66.0	36.6	70.1	73.6	64.6	65.5	65.1	52.7	37.4
November	68.1	99.7	61.5	36.2	64.5	68.7	58.8	60.4	59.6	52.2	35.9
December	63.8	97.6	58.9	36.3	62.8	63.7	55.7	56.4	56.0	51.6	30.6
1992 Average	67.7	99.1	60.4	32.8	63.2	65.1	57.9	59.0	58.5	49.5	30.7
1993											
January	63.8	96.9	57.7	40.2	61.4	63.2	54.4	54.9	54.6	50.3	31.2
February	63.8	96.5	60.5	36.7	63.7	65.7	56.9	57.4	57.1	49.3	31.1
March	65.2	97.4	60.3	38.2	65.4	67.4	59.0	60.0	59.5	53.8	32.9
April	67.7	97.7	59.9	36.2	60.8	65.4	57.5	59.9	58.7	52.4	33.6
May	69.2	99.4	60.1	34.0	58.3	66.5	56.9	59.6	58.4	51.3	31.0
June	66.2	99.1	58.4	33.8	56.9	63.0	54.9	57.2	56.1	46.9	30.0

* Includes No. 4 fuel oil and No. 4 diesel fuel.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," January 1983 forward. Energy Information Administration Form EIA-460, "Petroleum Industry Monthly Report for Product Prices," source for backcast estimates prior to January 1983.

Figure 4. U.S. Refiner Wholesale Product Prices



Source: Energy Information Administration, Form EIA-782A "Refiners/Gas Plant Operators Monthly Petroleum Product Sales Report."

Table 5. U.S. Refiner Volumes of Petroleum Products for Resale
(Million Gallons per Day)

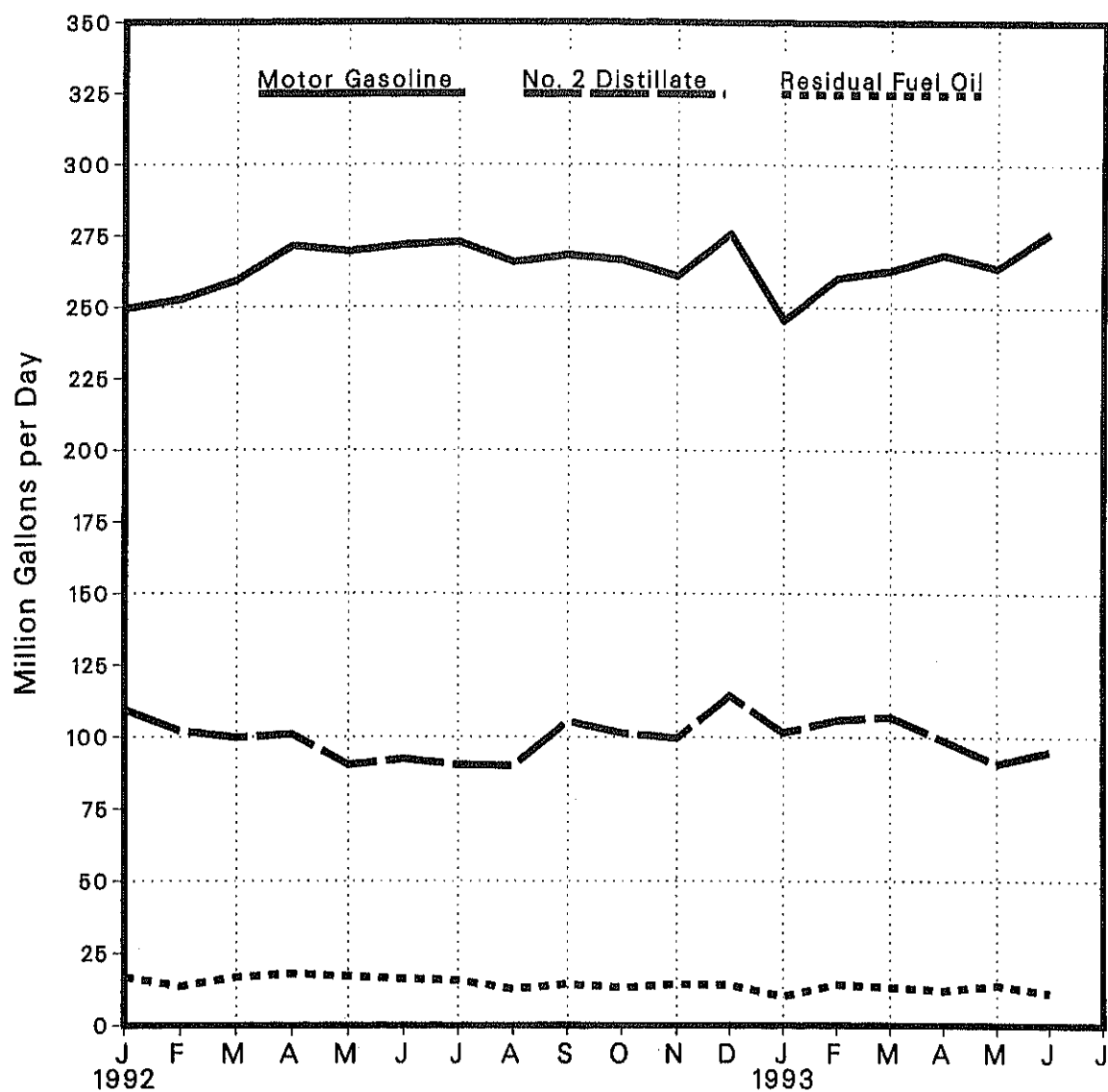
Year Month	Motor Gasoline	Aviation Gasoline	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel ^a	Residual Fuel Oil
							No. 2 Fuel Oil	No. 2 Diesel Fuel	Total		
1983 Average	242.5	0.7	5.4	26.0	2.5	2.4	47.3	38.1	85.5	0.9	20.2
1984 Average	246.3	.8	6.6	26.7	2.2	2.6	51.4	42.8	94.2	1.7	21.3
1985 Average	256.9	.7	7.6	29.2	2.4	2.7	53.9	43.3	97.3	1.2	19.9
1986 Average	257.2	.7	10.1	26.3	2.4	2.4	54.5	46.6	101.1	1.2	18.7
1987 Average	257.2	.8	10.1	27.0	2.3	2.0	49.3	44.3	93.6	1.5	16.9
1988 Average	263.7	.7	10.0	27.7	2.7	2.6	50.1	47.8	97.9	1.2	18.9
1989 Average	260.7	.7	8.6	25.9	2.7	2.7	46.7	50.7	97.5	1.2	21.0
1990 Average	264.8	.7	8.8	25.5	2.2	2.4	46.9	51.9	97.8	.8	17.9
1991											
January	239.9	.5	8.9	33.8	4.4	5.8	61.9	50.3	112.2	.9	19.8
February	244.6	.5	9.7	30.9	3.3	3.2	55.1	47.5	102.6	.7	19.8
March	255.9	.6	8.4	24.8	2.0	1.7	49.3	52.3	101.7	.6	15.4
April	274.3	.7	8.7	21.8	.9	.9	43.8	52.3	96.1	.5	19.5
May	273.6	.8	7.5	19.1	.6	.7	40.4	52.2	92.6	.2	20.4
June	268.4	.9	9.3	19.9	.7	.8	41.8	53.3	95.1	.2	18.9
July	274.1	.9	9.8	23.6	.8	.8	42.7	52.0	94.8	.2	13.0
August	271.4	.9	9.2	23.2	1.0	1.0	42.2	52.8	95.0	.2	18.4
September	257.6	.8	8.2	24.0	1.7	1.5	40.7	52.5	93.2	.3	18.5
October	258.2	.7	7.8	26.2	2.2	2.8	46.5	56.6	103.1	.4	14.4
November	253.7	.5	8.1	27.5	3.2	4.8	43.5	47.0	90.5	.5	15.7
December	262.8	.5	9.0	30.1	3.9	4.5	54.5	48.3	102.8	.6	19.9
1991 Average	261.3	.7	8.7	25.4	2.1	2.4	46.9	51.5	98.3	.4	17.8
1992											
January	249.5	.5	7.4	33.9	4.6	4.6	61.7	47.9	109.6	.8	16.8
February	252.8	.5	8.7	28.4	3.4	3.0	56.4	45.7	102.1	.7	13.6
March	259.5	.7	7.6	24.1	2.4	1.7	50.4	49.4	99.8	.7	16.7
April	271.5	.6	7.7	21.6	1.2	.9	47.4	53.4	100.9	.4	17.9
May	269.5	.8	7.2	19.6	.8	.6	39.5	50.8	90.3	.3	17.1
June	271.7	.8	8.5	20.7	.9	.6	41.9	50.4	92.4	.1	16.2
July	272.8	.9	7.9	22.9	.6	.7	37.6	52.7	90.3	.2	15.6
August	265.8	.8	7.7	24.2	1.1	1.1	39.2	50.8	90.0	.2	12.6
September	268.3	.7	7.9	25.6	1.8	1.9	52.8	52.6	105.4	.2	14.3
October	266.6	.6	9.1	27.4	2.6	2.4	45.5	55.8	101.3	.5	13.1
November	260.9	.5	8.7	33.4	2.9	4.0	50.8	48.9	99.6	.5	14.3
December	275.8	.4	8.2	37.9	4.2	6.0	63.6	50.8	114.4	.8	14.0
1992 Average	265.7	.7	8.0	26.7	2.3	2.3	49.1	51.0	100.1	.4	16.0
1993											
January	245.4	.4	9.2	34.2	3.8	5.3	54.2	47.3	101.5	.6	10.1
February	260.3	.5	7.5	35.1	4.3	4.5	57.1	48.9	105.9	.7	14.2
March	263.0	.6	8.6	30.3	3.3	2.5	56.0	51.1	107.1	.8	13.2
April	268.6	.6	7.4	21.8	1.3	.9	47.1	51.9	99.0	.4	12.1
May	264.0	.7	7.2	19.0	.9	.6	40.1	50.7	90.8	.2	13.8
June	276.2	.8	7.2	23.2	.8	.7	42.6	52.4	95.0	.2	11.2

^a Includes No. 4 fuel oil and No. 4 diesel fuel.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Totals and averages may not equal the sum of components due to rounding.

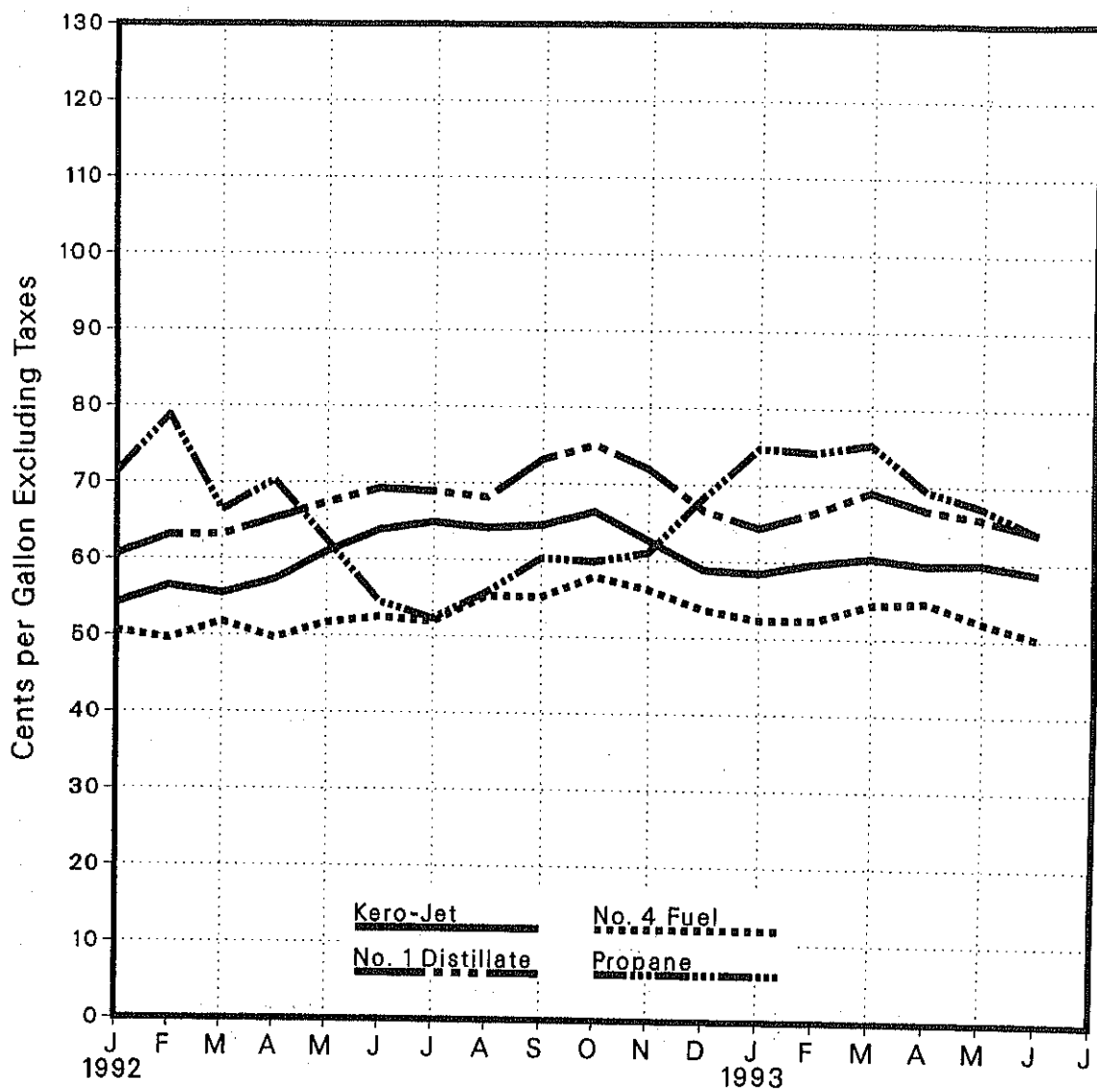
Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Figure 5. U.S. Refiner Wholesale Product Volumes



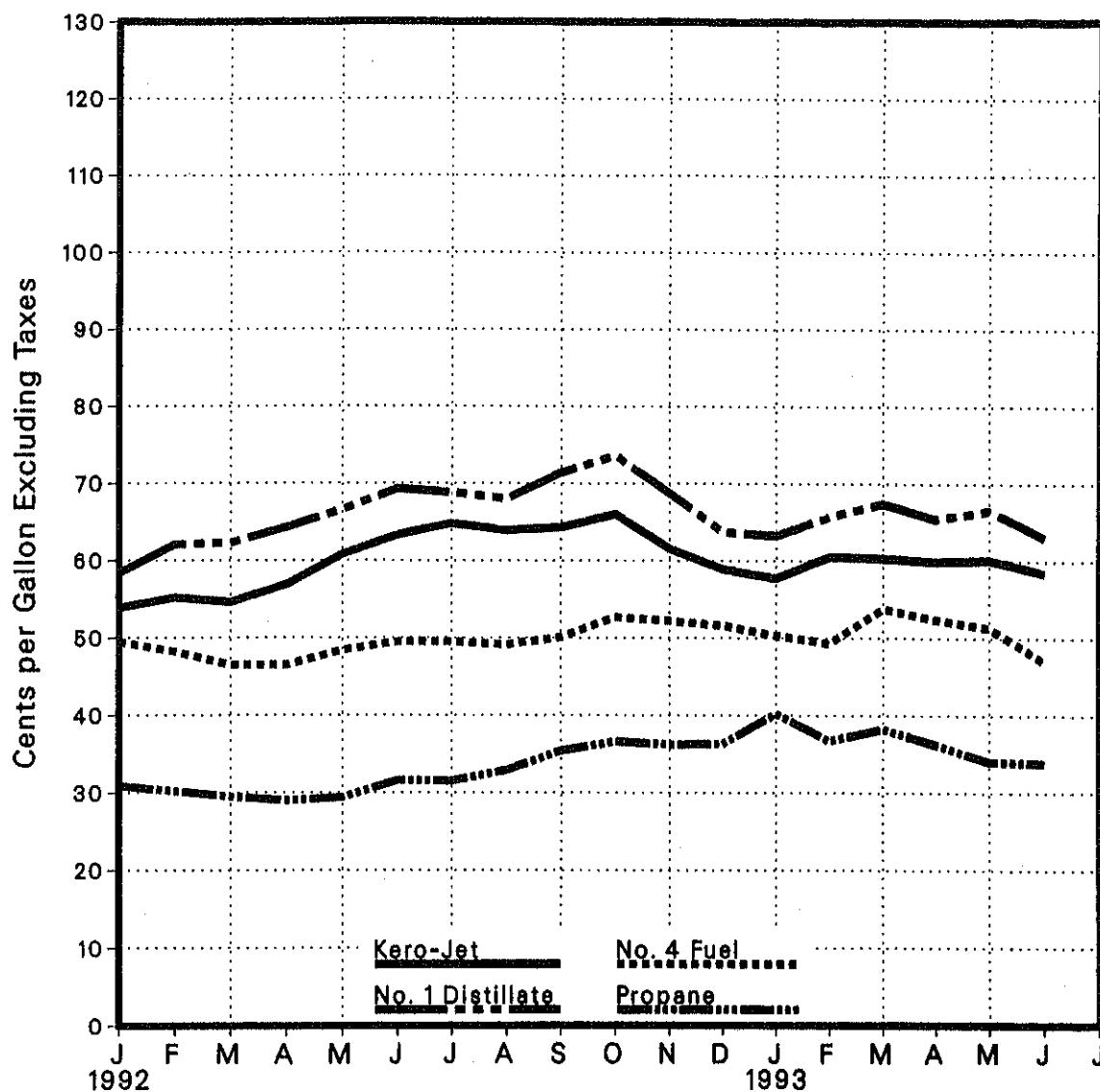
Source: Energy Information Administration, Form EIA-782A "Refiners/Gas Plant Operators Monthly Petroleum Product Sales Report."

Figure 6. U.S. Refiner Retail Prices of Selected Products



Source: Energy Information Administration, Form EIA-782A "Refiners/Gas Plant Operators Monthly Petroleum Product Sales Report."

Figure 7. U.S. Refiner Wholesale Prices of Selected Products



Source: Energy Information Administration, Form EIA-782A "Refiners/Gas Plant Operators Monthly Petroleum Product Sales Report."

Table 6. U.S. Refiner Petroleum Product Prices to End Users by Seller
(Cents per Gallon Excluding Taxes)

Product	Major Refiners			Other Refiners			Average		
	June 1993	May 1993	June 1992	June 1993	May 1993	June 1992	June 1993	May 1993	June 1992
Motor Gasoline	80.3	80.7	85.2	78.4	78.3	82.7	79.7	80.1	84.5
Leaded Regular	74.9	73.4	82.8	85.6	84.7	89.7	78.2	77.0	85.0
Unleaded Regular	75.1	75.5	80.4	75.3	75.4	80.0	75.1	75.5	80.3
Unleaded Midgrade	84.7	85.2	88.9	82.5	81.8	85.9	84.2	84.6	88.3
Premium	93.3	93.9	97.5	89.7	89.9	94.5	92.5	93.0	96.9
Aviation Gasoline	103.8	103.9	107.9	94.9	90.9	94.3	102.5	102.2	106.4
Kerosene-Type Jet Fuel	58.6	59.8	63.9	59.3	60.3	64.4	58.7	59.9	63.9
Propane (Consumer Grade)	40.0	41.4	36.5	77.5	82.7	65.1	63.9	67.3	54.5
Kerosene	65.5	68.8	68.5	60.7	70.5	73.2	65.3	68.8	68.7
No. 1 Distillate	61.8	63.2	67.5	68.0	70.0	72.5	64.0	65.8	69.3
No. 2 Distillate	59.8	61.7	64.3	62.0	63.1	66.1	60.2	62.0	64.7
No. 2 Fuel Oil	57.3	59.6	62.5	59.6	61.2	64.3	57.8	59.8	62.9
No. 2 Diesel Fuel	60.1	62.0	64.6	62.4	63.3	66.3	60.5	62.3	64.9
No. 4 Fuel ^a	49.6	53.1	52.4	53.6	49.7	52.9	50.2	52.3	52.5
Residual Fuel Oil	33.9	36.2	33.9	36.0	37.6	35.3	34.7	36.8	34.5
Sulfur Content not > 1 %	42.4	43.5	W	39.3	41.0	W	40.6	41.9	38.8
Sulfur Content > 1 %	30.8	34.2	W	32.8	34.1	W	31.5	34.1	33.1

^a Includes No. 4 fuel oil and No. 4 diesel fuel.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 7. U.S. Refiner Petroleum Product Prices for Resale by Seller
(Cents per Gallon Excluding Taxes)

Product	Major Refiners			Other Refiners			Average		
	June 1993	May 1993	June 1992	June 1993	May 1993	June 1992	June 1993	May 1993	June 1992
Motor Gasoline	67.7	70.4	75.3	60.8	64.7	70.0	66.2	69.2	74.2
Leaded Regular	70.2	69.4	76.9	68.1	69.3	76.1	69.5	69.4	76.6
Unleaded Regular	64.0	66.9	72.0	59.6	63.7	68.8	62.9	66.1	71.2
Unleaded Midgrade	70.3	72.7	77.1	63.0	67.3	72.3	69.7	72.3	76.7
Premium	77.4	79.5	84.3	66.3	70.4	76.4	76.0	78.4	83.3
Aviation Gasoline	100.7	101.1	103.2	87.6	87.7	91.3	99.1	99.4	101.5
Kerosene-Type Jet Fuel	59.2	60.5	63.9	56.5	59.0	62.0	58.4	60.1	63.3
- Grade)	33.7	34.4	31.8	34.1	33.6	31.2	33.8	34.0	31.6
				55.3	56.9	62.7	56.9	58.3	63.7

Table 8. U.S. Refiner Petroleum Product Volumes to End Users by Seller
(Thousand Gallons per Day)

Product	Major Refiners			Other Refiners			Total		
	June 1993	May 1993	June 1992	June 1993	May 1993	June 1992	June 1993	May 1993	June 1992
Motor Gasoline	44,016	42,281	44,572	16,480	15,276	15,781	60,506	57,556	60,353
Leaded Regular	424	374	548	189	178	254	612	552	803
Unleaded Regular	27,546	26,448	27,987	11,946	11,146	11,663	39,492	37,594	39,650
Unleaded Midgrade	7,461	7,291	7,515	1,988	1,804	1,725	9,459	9,095	9,240
Premium	8,586	8,168	8,523	2,357	2,148	2,139	10,943	10,316	10,861
Aviation Gasoline	200	194	219	34	28	27	234	223	246
Kerosene-Type Jet Fuel	36,827	36,264	36,399	5,311	5,281	4,851	42,138	41,525	41,251
Propane (Consumer Grade)	835	729	1,002	1,479	1,222	1,692	2,314	1,951	2,694
Kerosene	111	75	115	4	3	3	115	78	118
No. 1 Distillate	168	145	155	91	88	86	259	233	241
No. 2 Distillate	19,412	17,950	20,241	4,664	4,346	4,714	24,075	22,296	24,955
No. 2 Fuel Oil	2,245	2,025	2,283	684	403	570	2,930	2,428	2,853
No. 2 Diesel Fuel	17,166	15,926	17,958	3,979	3,942	4,144	21,146	19,868	22,103
No. 4 Fuel^a	312	274	205	54	86	43	366	360	247
Residual Fuel Oil	10,047	8,342	12,881	7,066	6,829	8,660	17,113	15,170	21,541
Sulfur Content not > 1 %	2,614	1,863	W	3,456	3,449	W	6,070	5,313	6,234
Sulfur Content > 1 %	7,432	6,478	W	3,610	3,379	W	11,043	9,857	16,307

^a Includes No. 4 fuel oil and No. 4 diesel fuel.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Totals may not equal the sum of components due to rounding.

Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 9. U.S. Refiner Petroleum Product Volumes for Resale by Seller
(Thousand Gallons per Day)

Product	Major Refiners			Other Refiners			Total		
	June 1993	May 1993	June 1992	June 1993	May 1993	June 1992	June 1993	May 1993	June 1992
Motor Gasoline	216,074	207,527	214,274	60,085	58,519	57,385	276,159	264,046	271,658
Leaded Regular	2,318	2,238	3,071	1,111	1,056	1,424	3,430	3,294	4,495
Unleaded Regular	140,838	135,052	139,346	49,915	48,814	47,293	190,753	181,866	186,639
Unleaded Midgrade	26,073	25,150	26,030	2,264	2,333	2,081	28,337	27,483	28,091
Premium	46,845	45,086	45,826	8,795	8,516	8,607	55,639	51,602	52,433
Aviation Gasoline	715	631	704	98	92	119	813	722	823
Kerosene-Type Jet Fuel	5,015	5,105	5,596	2,185	2,055	2,877	7,200	7,160	8,473
Propane (Consumer Grade)	13,452	10,455	11,393	9,751	8,592	9,273	23,203	19,047	20,666
Kerosene	341	186	530	449	671	404	790	856	933
No. 1 Distillate	285	216	224	380	431	400	664	647	625
No. 2 Distillate	67,414	62,721	67,411	37,581	38,032	34,959	94,995	90,753	92,371
No. 2 Fuel Oil	27,476	24,454	27,625	15,161	15,606	14,296	42,638	40,060	41,922
No. 2 Diesel Fuel	29,938	28,267	29,786	22,420	22,427	20,663	52,357	50,693	50,449
No. 4 Fuel^a	W	W	W	W	W	W	152	225	139
Residual Fuel Oil	6,364	8,074	9,379	4,793	5,687	6,670	11,156	13,760	16,249
Sulfur Content not > 1 %	2,227	2,603	2,699	3,376	3,814	3,080	5,803	6,417	5,759
Sulfur Content > 1 %	4,137	5,471	6,680	1,417	1,873	3,610	5,554	7,344	10,490

^a Includes No. 4 fuel oil and No. 4 diesel fuel.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Totals may not equal the sum of components due to rounding.

Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 10. U.S. Refiner Total Motor Gasoline Prices, Volumes, and Percentages by Seller

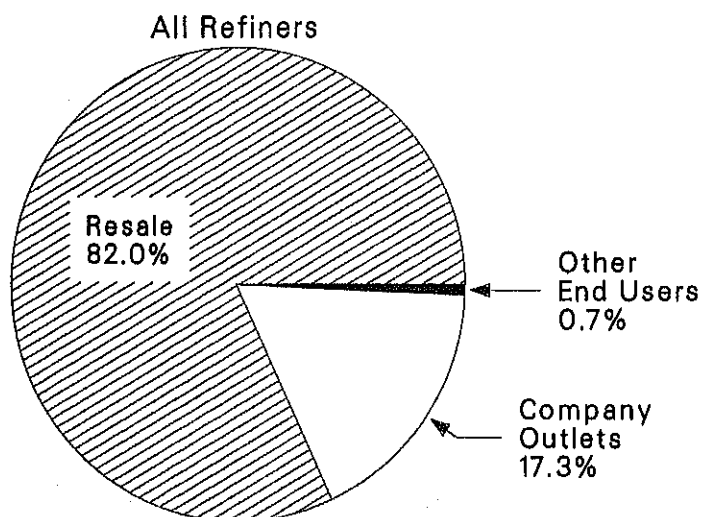
Sales Type Month	Major Refiners			Other Refiners			Total		
	Average Price (cents per gallon)	Volume (million gallons)	Percentage (by sales type)	Average Price (cents per gallon)	Volume (million gallons)	Percentage (by sales type)	Average Price (cents per gallon)	Volume (million gallons)	Percentage (by sales type)
All Sales									
June 1993	69.9	7,803	100.0	64.6	2,297	100.0	68.7	10,100	100.0
May 1993	72.1	7,744	100.0	67.6	2,226	100.0	71.1	9,970	100.0
June 1992	77.0	7,785	100.0	72.7	2,195	100.0	76.1	9,980	100.0
Sales to End Users									
June 1993	80.3	1,320	16.9	78.4	495	21.5	79.7	1,815	18.0
May 1993	80.7	1,311	16.9	78.3	474	21.3	80.1	1,784	17.9
June 1992	85.2	1,337	17.2	82.7	473	21.6	84.5	1,811	18.2
Through Company Outlets									
June 1993	80.8	1,266	16.2	78.7	478	20.8	80.2	1,744	17.3
May 1993	81.2	1,255	16.2	78.7	455	20.4	80.5	1,710	17.2
June 1992	85.7	1,278	16.5	83.1	454	20.7	85.0	1,732	17.4
Other End Users									
June 1993	68.0	54	.7	67.5	17	.7	67.8	71	.7
May 1993	70.4	56	.7	69.0	19	.8	70.0	74	.7
June 1992	74.7	59	.8	75.3	20	.9	74.9	79	.8
Sales for Resale									
June 1993	67.7	6,482	83.1	60.8	1,803	78.5	66.2	8,285	82.0
May 1993	70.4	6,433	83.1	64.7	1,752	78.7	69.2	8,185	82.1
June 1992	75.3	6,428	82.8	70.0	1,722	78.4	74.2	8,150	81.8

Note: Values shown represent the percentage of major refiners (100 percent) or other refiners and gas plant operators (100 percent) sales by sales type. The sum of sales to end users and sales for resale is 100 percent for each seller type.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Totals or averages may not equal the sum of components due to rounding.

Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Figure 8. Percentages of Refiner Total Motor Gasoline Sales, U.S. Average



Source: Energy Information Administration, Form EIA-782A, "Refiners/Gas Plant Operators Monthly Petroleum Product Sales Report," providing June 1993 data.

Table 11. U.S. Refiner Motor Gasoline Prices by Grade and Sales Type
(Cents per Gallon Excluding Taxes)

Year Month	Leaded Regular			Unleaded Regular			Unleaded Midgrade			Premium		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
1983 Average	91.2	88.1	85.0	98.0	91.5	89.5	NA	NA	NA	108.0	96.1	96.4
1984 Average	85.1	82.8	79.5	92.2	86.5	84.2	NA	NA	NA	102.1	93.7	91.6
1985 Average	84.6	82.0	79.3	92.5	86.1	84.3	NA	NA	NA	103.0	92.8	92.2
1986 Average	57.8	54.4	50.1	62.4	54.9	52.2	NA	NA	NA	74.8	63.0	61.0
1987 Average	62.3	57.4	56.5	65.9	58.4	56.9	NA	NA	NA	79.0	65.4	67.1
1988 Average	62.4	55.5	54.8	64.9	55.0	54.8	NA	NA	NA	79.4	64.9	67.2
1989 Average	71.6	64.4	63.1	72.0	62.9	61.8	79.6	69.5	68.6	87.4	73.7	74.9
1990 Average	83.4	76.8	75.4	85.3	77.5	75.8	92.3	84.0	81.4	99.0	87.3	87.4
1991												
January	86.6	75.8	75.1	85.9	76.2	73.5	93.2	81.1	79.2	100.6	86.2	85.5
February	76.2	66.7	65.2	76.5	68.6	65.5	83.7	73.0	71.2	90.9	77.6	77.4
March	86.1	63.4	59.2	70.9	67.0	65.1	78.5	70.4	70.7	85.0	75.2	75.5
April	66.5	67.3	62.4	73.9	70.5	68.6	82.2	74.8	74.1	88.3	78.8	79.1
May	72.0	73.2	67.6	78.9	73.9	71.7	87.3	78.5	77.7	93.5	82.8	83.4
June	72.7	67.3	65.3	78.8	70.5	67.6	87.3	74.4	74.2	93.3	79.2	80.4
July	68.5	66.6	62.9	75.5	68.5	66.3	84.6	72.5	72.6	90.6	76.9	78.6
August	70.3	70.8	67.2	77.6	72.1	69.9	86.8	76.0	76.1	92.9	80.4	81.9
September	72.0	69.3	67.6	76.7	68.8	66.0	85.7	73.4	72.4	91.9	77.9	79.2
October	70.4	68.3	66.1	74.4	67.8	65.9	83.1	70.9	71.7	89.8	76.1	78.2
November	70.1	70.2	66.3	75.6	68.2	66.9	84.1	73.6	73.0	90.6	76.9	79.3
December	69.5	66.2	62.0	72.3	61.6	59.5	80.5	67.0	66.7	88.1	70.0	73.0
1991 Average	71.7	69.0	65.7	76.4	69.6	67.2	84.7	73.8	73.3	91.2	78.2	79.2
1992												
January	67.2	63.6	56.2	67.6	57.3	56.5	76.8	60.7	63.7	85.5	66.7	70.2
February	66.6	64.9	58.5	66.4	59.7	58.5	75.4	61.2	65.0	84.5	69.1	71.6
March	68.3	NA	60.6	67.2	61.2	59.7	76.1	63.6	65.2	85.0	70.3	71.9
April	72.5	70.1	65.8	70.9	65.3	63.7	79.6	68.9	68.8	88.3	74.3	75.4
May	80.8	76.7	73.2	76.7	70.4	68.5	85.0	74.6	73.8	93.7	80.4	80.6
June	85.1	78.1	76.6	80.7	72.9	71.2	88.7	76.7	76.7	97.5	82.4	83.3
July	86.9	78.4	77.3	79.4	70.3	67.7	87.7	73.3	73.7	96.8	79.2	80.6
August	85.7	77.0	74.9	78.2	69.0	67.3	86.6	72.4	73.3	95.9	78.2	80.3
September	83.5	75.8	73.8	78.3	70.5	67.8	86.8	74.1	74.0	95.8	79.8	80.9
October	84.0	77.1	73.1	77.3	69.2	67.1	85.5	72.9	73.4	94.7	78.3	80.2
November	84.2	NA	71.7	77.4	67.6	64.4	85.7	70.9	72.2	95.2	76.5	78.9
December	81.0	73.8	65.2	74.3	62.7	60.0	82.9	68.1	68.2	92.5	71.9	74.4
1992 Average	78.5	74.2	69.3	74.5	66.3	64.4	82.6	69.1	70.7	91.3	75.6	77.3
1993												
January	78.4	70.6	63.3	72.6	61.6	60.2	81.6	66.1	68.1	90.6	70.9	74.2
February	75.9	71.2	64.4	71.9	62.1	60.4	80.8	66.4	67.5	88.6	71.7	73.3
March	71.6	72.6	63.9	71.5	62.9	62.0	80.7	67.3	68.7	88.3	71.6	74.7
April	73.0	76.4	66.7	73.5	65.6	64.6	82.9	70.0	70.8	91.7	75.1	76.7
May	77.0	78.5	69.4	75.8	67.8	66.1	84.9	72.3	72.3	93.7	77.9	78.4
June	78.2	77.7	69.5	75.6	65.9	62.9	84.6	69.9	69.7	93.2	75.1	76.0

NA = Not available.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 12. U.S. Refiner Motor Gasoline Volumes by Grade and Sales Type
(Million Gallons per Day)

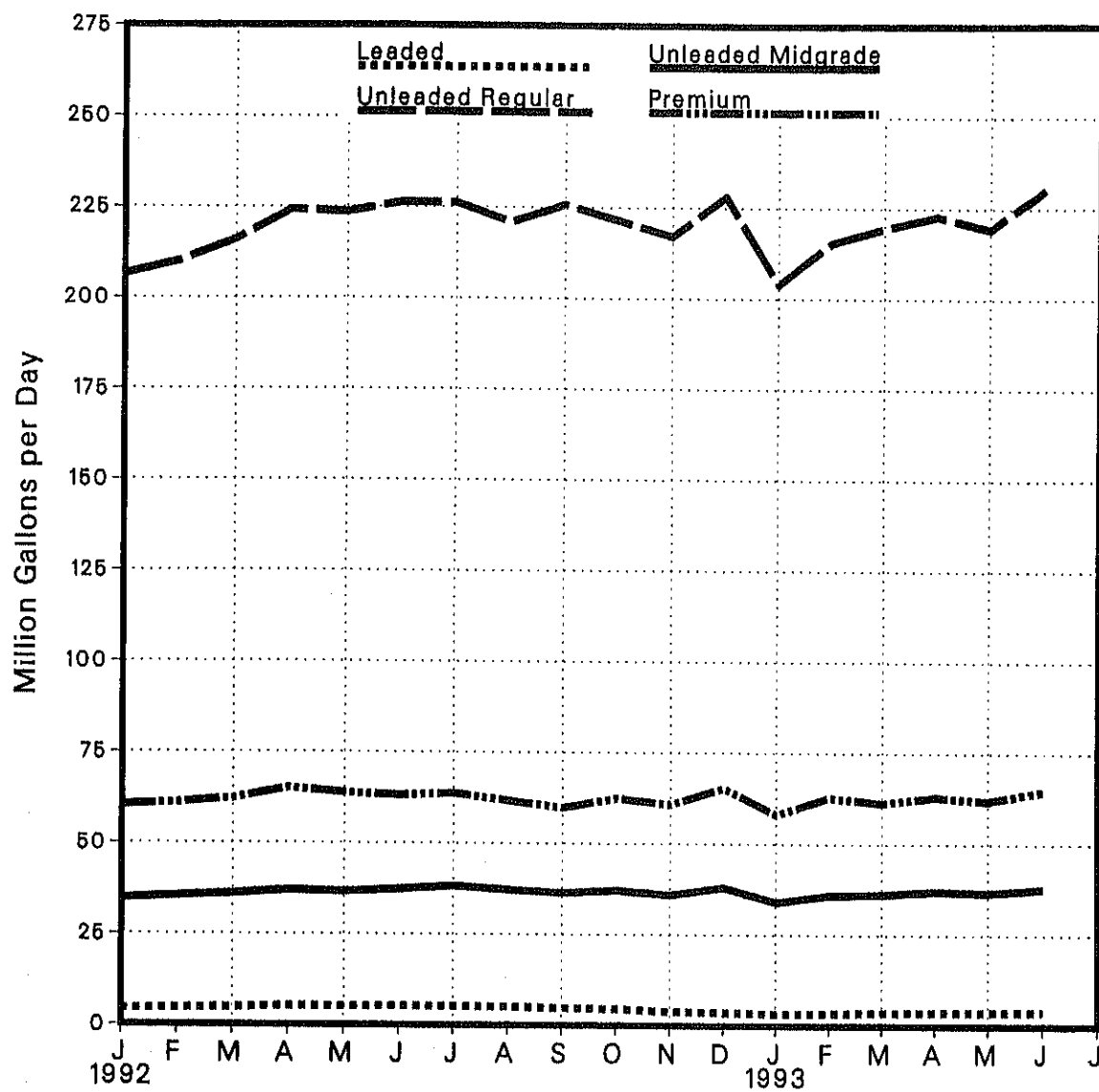
Year Month	Leaded Regular			Unleaded Regular			Unleaded Midgrade			Premium		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
1983 Average	17.3	4.1	115.4	20.0	3.6	98.3	NA	NA	NA	5.0	1.2	28.7
1984 Average	17.5	3.1	105.8	24.3	3.5	106.8	NA	NA	NA	8.6	.7	33.7
1985 Average	15.0	2.7	99.2	26.2	3.6	119.7	NA	NA	NA	9.2	.7	38.0
1986 Average	14.4	2.3	84.9	30.9	3.9	128.1	NA	NA	NA	9.0	.9	45.0
1987 Average	11.8	1.4	62.3	32.7	3.4	141.9	NA	NA	NA	11.2	.5	53.0
1988 Average	8.7	.7	47.7	34.2	3.1	153.6	NA	NA	NA	13.8	.6	62.4
1989 Average	4.7	.4	27.8	34.3	2.5	155.7	4.9	0.2	16.4	13.5	.7	60.8
1990 Average	2.1	.1	13.6	36.7	2.1	174.5	7.4	.2	23.1	11.2	.5	53.7
1991												
January	1.6	.1	9.0	36.5	2.0	168.2	7.0	.3	20.8	9.0	.4	42.0
February	1.7	.1	8.3	38.1	1.7	172.2	7.4	.2	20.9	10.0	.3	43.2
March	1.7	.0	9.0	39.1	1.9	178.9	7.6	.3	21.9	10.5	.4	46.0
April	1.8	.1	9.9	39.2	2.2	193.3	7.7	.2	23.3	10.3	.4	47.8
May	1.8	.1	9.4	39.4	2.2	191.2	7.9	.3	24.4	10.2	.4	48.6
June	1.8	.1	9.5	39.8	2.0	185.3	8.1	.3	24.4	10.8	.4	49.2
July	1.8	.0	9.8	38.9	2.0	187.9	8.2	.3	25.3	11.0	.4	51.0
August	1.8	.0	9.6	39.2	2.0	185.3	8.1	.3	25.4	10.8	.4	51.0
September	1.7	.0	8.3	37.5	2.0	177.8	7.9	.2	23.1	10.6	.4	48.3
October	1.5	.1	8.2	37.9	2.1	175.1	8.1	.3	24.0	10.8	.4	50.9
November	1.3	.0	6.2	37.1	2.1	173.9	8.4	.2	24.3	10.9	.4	49.3
December	1.1	.0	4.4	37.5	1.9	181.1	9.0	.2	25.9	11.2	.4	51.4
1991 Average	1.6	.1	8.6	38.4	2.0	180.9	7.9	.3	23.7	10.6	.4	48.3
1992												
January .....	.7	.0	3.7	34.4	1.9	170.2	8.4	.3	25.9	10.3	.4	49.7
February .....	.7	.0	3.8	35.5	1.9	172.8	8.7	.4	26.3	10.7	.4	49.9
March .....	.8	.0	4.0	36.3	2.0	177.8	8.9	.4	26.8	10.8	.4	50.9
April .....	.7	.0	4.4	36.7	2.0	185.6	9.0	.3	27.7	10.8	.4	53.8
May .....	.7	.0	4.3	36.8	1.9	184.9	8.9	.3	27.4	10.5	.4	52.9
June .....	.8	.0	4.5	37.8	1.9	186.6	9.0	.3	28.1	10.2	.4	52.4
July .....	.7	.0	4.4	37.5	1.8	186.8	9.1	.3	28.8	10.5	.4	52.8
August .....	.7	.0	4.3	37.1	1.7	182.1	8.9	.3	28.0	10.0	.4	51.3
September .....	.7	.0	4.1	37.0	1.7	187.2	8.7	.3	27.4	9.8	.4	49.6
October .....	.7	.0	3.9	37.0	1.7	182.8	8.9	.3	28.0	10.1	.4	51.9
November .....	.6	.0	3.3	35.6	1.6	179.9	8.6	.3	27.0	9.8	.4	50.6
December .....	.6	.0	3.1	36.9	1.6	189.5	9.1	.3	28.7	10.4	.4	54.5
1992 Average .....	.7	.0	4.0	36.6	1.8	182.5	8.8	.3	27.5	10.4	.4	51.8
1993												
January .....	.5	.0	2.8	33.4	1.5	169.1	8.3	.3	25.5	9.6	.3	48.1
February .....	.6	.0	2.9	35.1	1.7	178.6	8.7	.3	26.9	10.6	.4	51.8
March .....	.6	.0	3.1	35.4	1.8	182.3	8.7	.3	27.2	10.5	.4	50.4
April .....	.6	.0	3.3	36.3	1.8	184.7	8.8	.3	28.0	10.0	.4	52.6
May .....	.5	.0	3.3	35.9	1.7	181.7	8.8	.3	27.5	9.9	.4	51.6
June .....	.6	.0	3.4	37.8	1.7	190.8	9.2	.3	28.3	10.6	.4	53.6

NA = Not available.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Totals and averages may not equal the sum of components due to rounding.

Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Figure 9. U.S. Refiner Total Motor Gasoline Sales Volumes



Source: Energy Information Administration, Form EIA-782A "Refiners/Gas Plant Operators Monthly Petroleum Product Sales Report."

Table 13. U.S. Refiner Total Motor Gasoline Prices by Seller
(Cents per Gallon Excluding Taxes)

Year Month	Major Refiners			Other Refiners			Average		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
1978 Average	49.4	46.2	43.8	48.2	45.8	42.1	48.9	46.1	43.4
1979 Average	72.8	68.0	64.3	71.0	67.5	61.8	72.1	67.9	63.7
1980 Average	105.6	98.7	95.1	103.0	97.8	91.3	104.6	98.5	94.1
1981 Average	117.0	109.4	107.5	114.2	108.4	103.2	115.9	109.2	106.4
1982 Average	108.2	101.1	98.3	105.6	100.2	94.3	107.2	100.9	97.3
1983 Average	97.0	90.6	89.0	95.2	89.7	85.6	96.4	90.5	88.2
1984 Average	92.0	85.7	84.2	90.0	84.9	80.2	91.4	85.6	83.2
1985 Average	93.0	85.7	84.7	89.8	83.5	79.9	92.1	85.2	83.5
1986 Average	64.1	57.6	54.4	61.2	52.7	48.7	63.2	55.8	53.1
1987 Average	68.7	59.2	60.1	65.3	55.2	55.0	67.8	57.5	58.9
1988 Average	69.2	57.8	59.3	65.2	54.1	52.7	68.1	56.4	57.7
1989 Average	77.1	66.2	66.8	73.5	63.3	60.8	76.3	65.2	65.4
1990 Average	89.4	79.6	80.0	87.0	80.0	74.0	88.8	79.7	78.6
1991									
January	89.8	78.0	77.4	88.0	78.5	72.0	89.3	78.1	76.2
February	80.5	70.3	69.0	78.4	70.1	64.4	79.9	70.3	68.0
March	74.7	68.6	67.6	72.8	68.4	65.7	74.2	68.5	67.3
April	77.6	72.3	71.0	76.3	71.4	69.5	77.3	72.1	70.7
May	82.8	75.8	75.0	81.0	75.2	71.2	82.3	75.7	74.2
June	82.9	72.0	71.7	80.6	72.1	66.2	82.3	72.1	70.5
July	79.9	69.9	69.9	77.7	70.7	66.0	79.3	70.1	69.1
August	82.1	73.5	73.5	79.5	74.4	69.5	81.4	73.7	72.7
September	81.2	70.8	70.4	79.0	69.9	64.6	80.6	70.6	69.1
October	78.8	69.1	69.7	77.2	70.3	65.3	78.4	69.4	68.8
November	79.7	70.2	71.0	78.9	69.8	65.9	79.5	70.1	69.9
December	76.9	63.5	64.4	75.4	63.4	57.2	76.5	63.5	62.9
1991 Average	80.5	71.3	70.9	78.7	71.1	66.5	80.0	71.3	69.9
1992									
January	73.5	58.8	61.5	69.7	60.4	54.3	72.5	59.2	60.0
February	72.2	61.4	63.0	68.8	61.0	56.9	71.3	61.9	61.7
March	72.8	62.8	63.7	69.7	63.7	59.2	72.0	63.0	62.7
April	76.2	67.4	67.4	73.8	66.5	63.7	75.6	67.1	66.6
May	81.9	72.5	72.5	79.4	72.2	67.8	81.2	72.5	71.5
June	85.7	74.7	75.3	83.1	75.3	70.0	85.0	74.9	74.2
July	84.5	71.3	72.3	82.6	74.2	65.7	84.0	72.1	71.0
August	83.3	70.2	71.9	81.2	72.7	65.4	82.8	70.9	70.6
September	83.2	71.9	72.3	81.5	74.2	66.2	82.8	72.5	71.0
October	82.3	71.1	72.0	80.4	71.3	64.9	81.8	71.1	70.4
November	82.7	69.4	70.4	80.0	69.8	60.2	82.0	69.5	68.1
December	79.9	64.5	66.0	76.6	65.2	55.8	79.0	64.6	63.8
1992 Average	79.5	68.0	69.1	77.3	68.7	62.5	78.9	68.2	67.7
1993									
January	78.1	63.7	65.7	75.3	63.3	56.6	77.4	63.6	63.8
February	77.4	64.5	65.5	74.4	63.3	57.4	76.6	64.2	63.8
March	76.9	65.0	66.5	74.3	64.4	60.2	76.2	64.8	65.2
April	78.8	68.1	68.7	76.7	66.5	63.6	78.3	67.7	67.7
May	81.2	70.4	70.4	78.7	69.0	64.7	80.5	70.0	69.2
June	80.8	68.0	67.7	78.7	67.5	60.8	80.2	67.8	66.2

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," January 1983 forward. Energy Information Administration Form EIA-480, "Petroleum Industry Monthly Report for Product Prices," source for backcast estimates prior to January 1983.

Table 14. U.S. Refiner Total Motor Gasoline Volumes by Seller
(Million Gallons per Day)

Year Month	Major Refiners			Other Refiners			Total		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
1983 Average	27.1	8.0	185.6	15.1	0.8	56.8	42.3	8.8	242.5
1984 Average	34.5	6.3	188.2	15.8	1.0	58.1	50.3	7.3	246.3
1985 Average	35.8	5.4	194.7	14.7	1.6	62.1	50.5	7.0	256.9
1986 Average	38.3	4.5	196.2	16.0	2.7	61.1	54.2	7.1	257.2
1987 Average	40.2	3.1	198.5	15.5	2.2	58.7	55.7	5.3	257.2
1988 Average	40.9	2.8	199.9	15.8	1.6	63.8	56.7	4.4	263.7
1989 Average	44.1	2.4	200.9	13.4	1.3	59.8	57.5	3.8	260.7
1990 Average	43.2	2.4	204.7	14.2	.6	60.1	57.4	3.0	264.8
1991									
January	40.0	2.1	185.7	14.2	.6	54.3	54.2	2.8	239.9
February	42.4	1.7	191.1	14.7	.6	53.5	57.1	2.3	244.6
March	44.1	2.0	204.0	14.8	.7	51.9	58.9	2.6	255.9
April	43.5	2.2	214.0	15.5	.8	60.3	59.0	3.0	274.3
May	43.9	2.4	214.2	15.3	.7	59.4	59.2	3.0	273.6
June	45.2	2.1	210.5	15.4	.7	57.9	60.6	2.8	268.4
July	44.1	2.0	216.9	15.7	.8	57.2	59.8	2.8	274.1
August	44.4	2.0	213.2	15.4	.7	58.2	59.8	2.7	271.4
September	42.9	1.9	199.2	14.8	.7	58.3	57.7	2.6	257.6
October	42.9	2.1	206.0	15.3	.8	52.1	58.3	2.9	258.2
November	43.2	2.0	199.4	14.4	.8	54.4	57.7	2.8	253.7
December	44.4	2.0	208.1	14.5	.7	54.8	58.9	2.6	262.8
1991 Average	43.4	2.0	205.3	15.0	.7	56.0	58.4	2.7	261.3
1992									
January	39.3	1.9	197.4	14.5	.7	52.2	53.8	2.6	249.5
February	40.9	2.0	199.1	14.7	.7	53.8	55.6	2.7	252.8
March	42.1	2.1	200.7	14.7	.7	58.8	56.8	2.8	259.5
April	41.8	2.0	212.4	15.5	.7	59.0	57.2	2.7	271.5
May	41.9	2.0	211.2	15.0	.7	58.3	57.0	2.6	269.5
June	42.6	2.0	214.3	15.1	.7	57.4	57.7	2.6	271.7
July	42.3	1.8	216.2	15.8	.7	56.6	57.9	2.5	272.8
August	41.8	1.7	210.8	14.9	.6	55.1	56.7	2.3	265.8
September	41.6	1.7	210.6	14.6	.6	57.7	56.2	2.4	268.3
October	41.2	1.8	206.8	15.3	.7	59.8	56.6	2.4	266.6
November	40.0	1.6	202.8	14.6	.6	58.4	54.6	2.3	260.9
December	41.9	1.7	215.0	15.1	.6	60.8	57.1	2.2	275.8
1992 Average	41.5	1.9	207.8	15.0	.7	57.9	56.5	2.5	265.7
1993									
January	37.9	1.6	194.8	13.8	.5	50.7	51.8	2.1	245.4
February	39.9	1.7	205.4	15.0	.6	54.9	55.0	2.3	260.3
March	40.1	1.8	205.4	15.0	.6	57.6	55.2	2.5	263.0
April	40.8	1.8	211.8	14.9	.7	58.8	55.7	2.5	268.6
May	40.5	1.8	207.5	14.7	.6	56.5	55.2	2.4	264.0
June	42.2	1.8	216.1	15.9	.6	60.1	58.1	2.4	276.2

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Totals may not equal the sum of components due to rounding.

Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 15. U.S. No. 2 Distillate Prices
(Cents per Gallon Excluding Taxes)

Year Month	Sales to End Users						Sales for Resale
	To Residential Consumers ^a	To Commercial/ Institutional Consumers	To Industrial Consumers	Sales Through Company Outlets ^b	To Other End Users ^c	Average	
1983 Average	107.8	86.3	88.3	94.3	89.7	93.3	81.8
1984 Average	109.1	85.7	87.0	92.0	89.2	92.6	81.9
1985 Average	105.3	82.1	83.4	88.6	85.3	89.0	78.1
1986 Average	83.6	51.4	53.7	59.8	56.9	61.4	48.0
1987 Average	60.3	56.6	59.7	64.4	63.1	64.3	53.5
1988 Average	81.3	51.9	54.2	61.6	58.7	61.2	48.2
1989 Average	90.0	60.8	63.8	68.5	66.7	69.5	57.2
1990 Average	106.3	75.1	78.0	85.2	82.8	84.1	70.6
1991							
January	117.1	84.1	85.0	90.6	89.2	96.3	76.9
February	110.5	75.1	76.3	81.1	79.3	86.8	68.7
March	102.6	65.2	67.0	72.0	71.7	76.3	59.9
April	96.9	63.0	65.8	70.4	71.0	71.3	58.0
May	92.5	61.7	64.2	69.9	70.3	68.0	57.3
June	89.3	59.6	62.1	67.8	68.1	65.2	55.1
July	86.6	61.4	64.3	68.5	69.1	66.4	57.6
August	87.0	64.9	68.1	72.0	72.5	69.8	61.8
September	89.7	66.6	70.5	73.9	74.9	72.4	63.1
October	94.0	70.2	73.2	76.3	77.8	76.3	66.5
November	98.0	71.6	74.4	78.9	77.3	79.5	66.9
December	95.9	63.3	65.8	74.1	69.4	75.1	56.6
1991 Average	101.9	67.5	69.7	74.5	73.8	76.0	62.7
1992							
January	94.2	58.9	60.9	67.9	65.3	72.7	52.8
February	94.2	60.7	62.7	67.3	66.5	73.0	54.9
March	93.2	59.8	62.5	67.4	67.5	71.1	54.6
April	92.5	61.5	65.5	69.5	69.9	70.3	57.5
May	92.3	63.8	67.9	72.0	73.3	70.9	60.1
June	92.0	66.0	70.4	74.2	74.4	72.0	62.7
July	90.4	65.4	69.9	74.6	73.5	71.3	62.1
August	88.6	64.4	68.8	73.8	73.1	70.5	60.9
September	90.1	66.9	70.9	74.3	75.5	73.1	63.5
October	93.7	68.8	72.7	76.2	77.5	76.1	65.4
November	94.8	65.3	69.0	74.9	73.9	75.1	60.3
December	94.5	63.0	66.0	72.1	69.9	74.9	57.0
1992 Average	93.4	63.9	67.5	71.8	72.1	72.6	59.1
1993							
January	94.3	61.6	64.3	70.3	68.4	74.2	55.7
February	94.6	63.5	65.7	70.2	69.9	75.7	58.1
March	95.4	65.3	67.8	72.2	71.7	76.1	60.1
April	92.5	63.9	68.9	72.2	72.2	72.2	59.3
May	91.0	63.2	66.2	71.4	72.6	69.9	58.9
June	89.0	61.4	66.4	70.6	69.9	67.8	58.7

^a No. 2 fuel oil only.

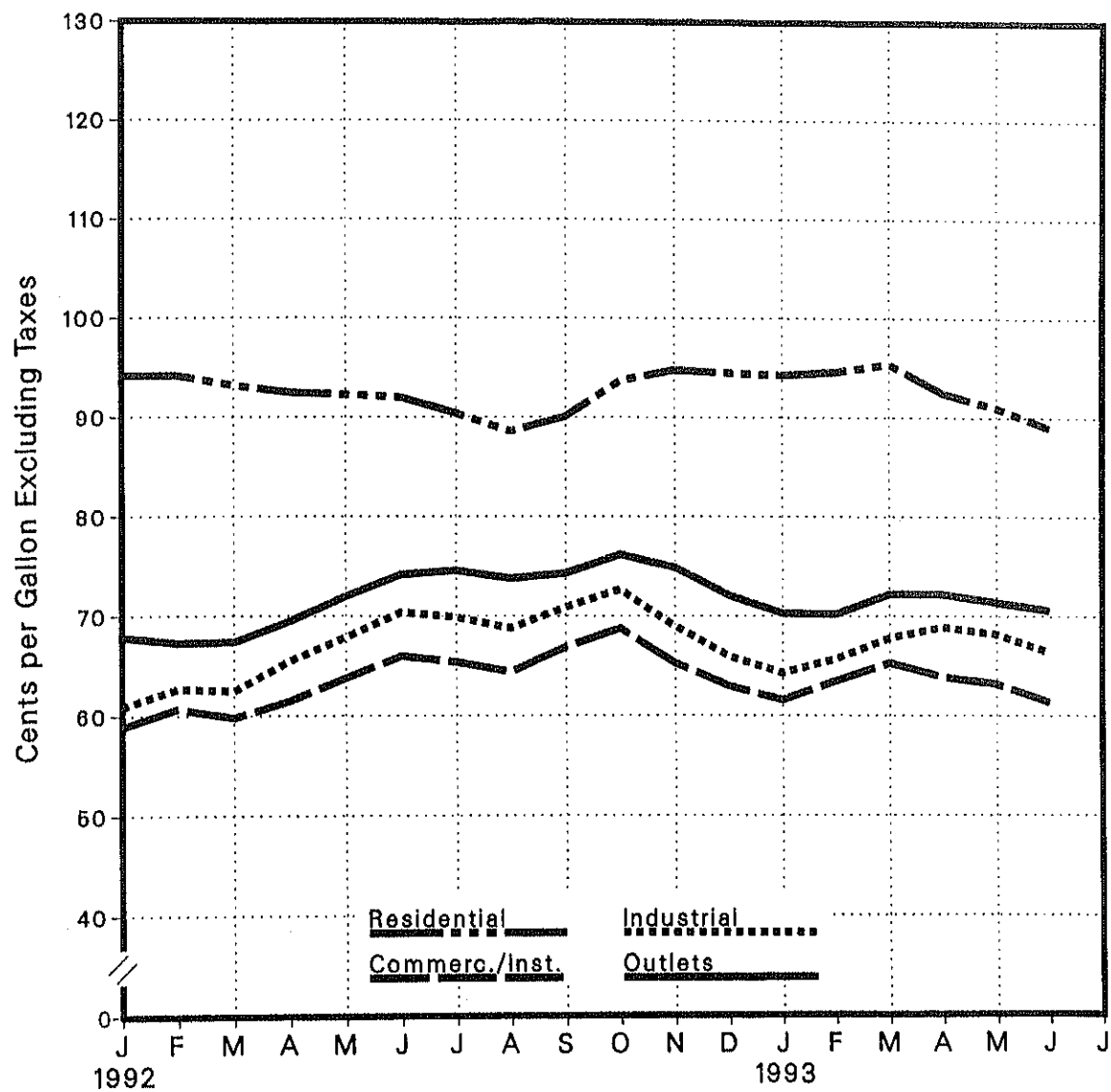
^b No. 2 diesel fuel only.

^c Sales to "other end users" are all end-user sales not included in the other end-user categories shown, e.g., sales to agricultural customers or utilities.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

Figure 10. U.S. No. 2 Distillate Average Retail Prices



Source: Energy Information Administration, Form EIA-782A "Refiners/Gas Plant Operators Monthly Petroleum Product Sales Report."

**Table 16. Prices of No. 2 Distillate to Residences
by Selected States**
(Cents per Gallon Excluding Taxes)

Year Month	CT	ME	MA	NH	RI	VT	DE	DC	MD	NJ	NY	PA	VA
1978 Average	50.1	48.6	48.8	50.3	50.7	50.8	47.8	50.7	49.2	49.6	50.1	48.8	49.1
1979 Average	72.0	68.8	70.9	72.5	72.8	72.5	68.2	74.2	70.1	71.0	71.2	69.8	70.4
1980 Average	98.3	96.3	97.8	100.4	101.1	101.5	95.4	102.6	97.9	97.9	98.2	96.4	98.5
1981 Average	121.7	120.4	121.3	123.7	123.8	125.4	117.3	127.4	121.4	121.5	123.2	118.1	120.5
1982 Average	118.3	115.5	117.6	117.4	120.1	120.1	111.3	124.5	117.1	117.4	120.5	113.7	117.7
1983 Average	109.1	102.8	109.1	104.1	110.5	112.9	106.0	117.0	110.3	107.9	112.1	105.8	108.7
1984 Average	112.1	103.9	111.6	108.4	111.4	111.9	109.6	118.7	113.5	111.0	115.5	107.9	110.5
1985 Average	108.0	99.7	107.0	102.4	106.7	107.7	104.6	114.3	108.8	105.9	111.3	102.3	106.3
1986 Average	89.0	74.4	82.1	75.9	82.8	86.6	85.0	93.1	91.4	90.2	91.1	81.4	86.6
1987 Average	83.4	74.7	80.6	76.5	82.5	81.1	79.3	91.8	86.6	84.3	85.2	76.9	79.5
1988 Average	85.3	77.7	82.1	78.2	83.6	82.6	80.1	91.6	87.0	84.8	86.3	77.8	80.5
1989 Average	92.9	89.4	92.6	89.3	93.9	90.5	88.2	98.6	93.8	91.8	95.8	85.1	87.0
1990 Average	109.8	98.9	108.4	102.8	108.6	107.0	105.8	107.8	111.9	109.7	112.5	102.6	110.6
1991													
January	122.5	114.4	118.1	107.2	113.3	117.7	113.0	124.1	122.0	119.6	124.6	117.7	117.2
February	116.0	105.9	111.3	100.7	109.5	111.3	105.4	118.6	116.1	113.2	120.2	110.9	110.3
March	109.0	95.4	102.6	90.5	101.8	104.4	98.4	112.3	107.7	104.3	112.8	101.8	102.4
April	101.4	87.1	96.1	83.9	94.7	98.5	92.3	105.6	102.7	98.6	106.7	95.5	96.1
May	96.5	81.9	91.7	79.4	89.7	93.5	91.5	101.1	98.7	94.4	101.2	89.9	90.7
June	92.7	79.6	88.9	77.3	87.1	91.3	84.0	95.3	96.2	90.3	98.1	85.7	87.8
July	90.0	82.3	88.5	77.6	88.8	88.1	81.5	98.6	93.7	88.5	93.9	80.8	86.9
August	89.7	83.4	88.7	80.6	88.7	88.6	86.0	98.6	94.0	89.0	93.0	81.8	87.5
September	92.0	87.3	90.9	84.2	90.3	91.9	87.3	101.7	95.8	92.2	98.7	83.4	90.4
October	96.3	91.3	94.9	87.8	94.9	93.9	92.8	104.0	100.1	96.9	103.3	88.8	93.6
November	99.8	95.1	97.5	90.1	95.8	95.7	96.9	107.3	103.2	100.7	108.1	93.6	97.0
December	98.3	89.3	95.8	88.8	93.4	94.1	94.9	107.7	102.6	96.6	105.7	93.1	95.2
1991 Average	106.2	96.0	103.0	91.6	99.9	101.9	99.7	112.2	108.4	104.0	111.3	99.7	101.1
1992													
January	96.4	87.7	93.2	88.1	90.7	92.4	94.4	107.3	101.6	95.6	103.4	91.4	94.3
February	95.5	88.2	92.5	86.5	91.7	92.8	92.7	107.3	100.9	95.1	103.8	91.5	93.7
March	94.0	86.4	91.5	83.3	90.9	92.2	92.4	105.3	100.3	93.5	102.1	90.1	93.7
April	93.3	85.5	91.4	81.8	90.4	91.7	91.5	104.7	99.0	92.9	101.1	89.4	92.6
May	93.1	85.5	91.0	81.7	90.9	91.5	90.2	102.3	97.2	89.2	101.1	88.6	91.7
June	91.8	87.1	91.3	82.9	89.7	90.7	91.4	102.7	97.6	90.4	101.7	86.5	89.6
July	93.1	87.7	90.4	82.3	88.9	89.1	90.6	102.0	95.7	90.3	100.7	83.0	90.2
August	90.5	87.8	89.6	81.8	89.4	89.4	89.5	101.9	95.2	88.1	99.0	81.7	88.4
September	91.8	86.8	90.7	83.0	89.8	91.6	90.3	101.2	95.7	90.8	99.7	84.4	89.4
October	94.0	89.3	93.5	87.6	92.7	92.0	93.7	104.0	98.8	94.0	102.7	87.5	91.9
November	95.8	88.3	93.8	87.6	92.5	92.6	92.8	105.7	100.4	94.6	104.7	89.6	92.1
December	95.2	85.7	93.5	87.7	91.5	92.9	90.9	105.4	100.4	95.4	104.3	89.3	93.3
1992 Average	94.7	87.1	92.4	85.6	91.2	92.2	92.4	105.7	99.9	93.9	102.8	88.9	92.8
1993													
January	94.9	85.2	94.0	87.1	91.7	93.4	90.8	105.2	100.5	96.5	104.3	89.0	92.4
February	96.2	85.4	94.4	87.0	91.8	93.3	90.8	106.8	101.3	96.7	104.2	89.1	93.5
March	96.7	86.5	94.8	86.6	92.4	93.7	92.4	108.5	101.6	96.2	104.2	89.8	94.2
April	93.6	83.0	91.3	85.0	90.3	91.2	91.6	107.1	99.2	95.1	100.1	89.0	90.3
May	91.7	81.5	90.9	83.8	90.6	91.2	89.4	104.3	96.2	91.6	99.3	86.6	88.6
June	89.9	80.7	88.8	82.3	86.7	89.6	86.8	100.8	95.5	88.2	97.5	83.9	86.0

See footnotes at end of table.

**Table 16. Prices of No. 2 Distillate to Residences
by Selected States (Continued)**
(Cents per Gallon Excluding Taxes)

Year Month	WV	IL	IN	MI	MN	OH	WI	ID	AK	OR	WA	U.S. Average
1978 Average	46.2	46.5	48.5	47.9	47.8	47.4	44.7	43.6	53.2	45.8	48.6	49.0
1979 Average	65.1	68.8	72.7	70.9	72.4	68.8	67.3	62.1	68.2	68.0	69.7	70.4
1980 Average	92.2	95.8	99.6	97.8	99.9	91.9	91.5	91.6	97.8	97.3	100.8	97.4
1981 Average	115.0	114.9	118.5	118.3	118.4	113.2	109.1	110.4	118.0	111.4	116.5	119.4
1982 Average	109.3	110.9	114.3	113.9	115.1	110.2	107.8	110.4	117.4	111.6	117.6	116.0
1983 Average	101.0	100.4	100.7	106.4	103.1	101.3	101.2	101.8	108.8	103.6	109.0	107.8
1984 Average	102.1	100.1	103.1	105.0	104.1	102.1	101.0	98.5	106.9	99.3	102.6	108.1
1985 Average	98.0	97.5	99.1	102.1	101.9	99.7	98.3	97.2	108.3	97.1	101.1	105.3
1986 Average	74.6	NA	74.8	81.0	79.2	77.7	75.6	73.8	94.9	70.4	77.5	83.6
1987 Average	76.4	79.8	75.4	77.5	74.6	74.7	75.1	68.8	86.5	72.5	79.5	80.3
1988 Average	74.2	77.6	75.4	77.5	73.5	74.7	73.9	68.8	86.9	70.9	78.5	81.3
1989 Average	83.0	80.9	83.2	85.3	82.4	81.6	81.1	77.8	98.4	80.2	87.4	90.0
1990 Average	99.1	96.1	99.3	100.9	101.4	98.1	94.2	97.4	110.1	97.0	102.9	106.3
1991												
January	110.5	102.5	105.9	109.8	105.4	105.5	102.4	110.8	129.3	108.4	118.4	117.1
February	101.5	92.9	95.4	98.5	93.5	94.6	92.4	97.3	122.8	102.9	112.0	110.5
March	90.8	86.5	87.9	91.5	87.2	85.7	87.8	84.0	109.5	88.8	95.3	102.6
April	87.6	88.3	86.0	90.7	87.8	83.2	84.0	83.4	101.9	86.4	93.5	96.9
May	85.8	88.5	86.3	88.1	88.1	83.1	82.9	84.4	101.3	86.5	94.9	92.5
June	83.6	86.8	80.3	87.4	87.1	80.7	80.9	83.4	98.2	85.6	91.7	89.3
July	81.7	82.2	78.8	83.3	84.4	79.6	78.0	80.0	98.6	83.6	85.5	86.6
August	82.4	86.5	85.5	84.4	86.3	81.1	78.8	84.6	98.8	87.3	92.6	87.0
September	84.8	87.3	85.5	86.8	84.0	84.8	82.7	87.4	92.4	90.8	93.5	89.7
October	89.7	88.4	86.7	89.5	86.8	88.7	85.7	87.6	91.3	89.1	95.2	94.0
November	91.8	92.4	87.8	92.8	89.2	91.8	89.9	93.3	96.0	90.6	99.5	98.0
December	89.0	89.9	83.3	89.9	84.4	86.0	85.4	94.7	95.2	87.0	96.2	95.9
1991 Average	93.4	92.7	91.8	94.2	91.1	91.0	89.5	95.1	105.0	93.3	101.6	101.9
1992												
January	85.5	85.2	77.8	86.6	79.4	82.0	80.1	86.1	92.7	85.3	92.0	94.2
February	86.9	85.6	78.7	86.5	79.6	83.0	79.8	79.2	91.1	83.5	90.9	84.2
March	86.6	88.1	79.5	86.6	79.7	82.5	79.2	82.2	93.0	82.6	91.8	93.2
April	85.6	88.4	80.2	86.7	81.8	82.9	80.4	84.2	92.1	85.5	92.0	92.5
May	84.2	89.0	81.2	86.4	83.9	83.5	81.5	86.1	93.6	86.9	94.3	92.3
June	86.5	90.8	79.6	86.1	82.9	85.3	81.9	84.6	93.9	89.2	90.6	92.0
July	82.3	87.9	82.4	85.0	84.5	81.7	81.1	86.1	93.0	87.3	88.0	90.4
August	81.4	88.4	83.1	85.7	84.1	82.3	80.6	79.4	96.8	84.0	84.0	88.6
September	85.4	86.9	84.8	88.2	85.0	84.7	83.6	86.0	93.4	87.6	90.3	90.1
October	88.3	90.8	85.8	90.0	87.1	86.4	84.1	89.6	96.8	91.7	94.5	93.7
November	88.0	90.4	82.7	88.2	86.0	84.6	83.7	91.7	97.7	92.8	98.7	94.6
December	89.0	88.2	81.8	87.9	83.1	84.5	84.3	86.8	95.8	91.5	99.7	94.6
1992 Average	86.4	87.6	81.1	87.1	82.3	83.6	81.8	85.7	94.0	87.8	94.3	93.4
1993												
January	88.3	87.2	81.8	88.3	82.9	84.2	82.1	84.8	95.1	91.7	100.6	94.5
February	88.6	88.2	82.3	87.6	83.0	85.5	83.3	84.2	95.1	89.9	101.4	94.6
March	89.9	90.0	83.1	90.1	83.9	86.6	84.0	87.8	94.2	90.7	99.7	95.4
April	86.9	NA	84.9	90.8	83.3	86.9	84.7	84.1	94.7	92.1	101.5	92.4
May	84.8	84.8	83.6	89.8	84.1	86.0	84.9	82.9	96.6	91.3	100.3	91.0
June	87.3	81.1	82.1	87.8	83.3	86.3	84.2	83.2	97.1	90.0	95.1	89.0

NA = Not available.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication of the Petroleum Marketing Annual.

Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report," January 1983 forward. Energy Information Administration Form EIA-8 "No. 2 Distillate Price Monitoring Report," source for backcast estimates prior to January 1983.

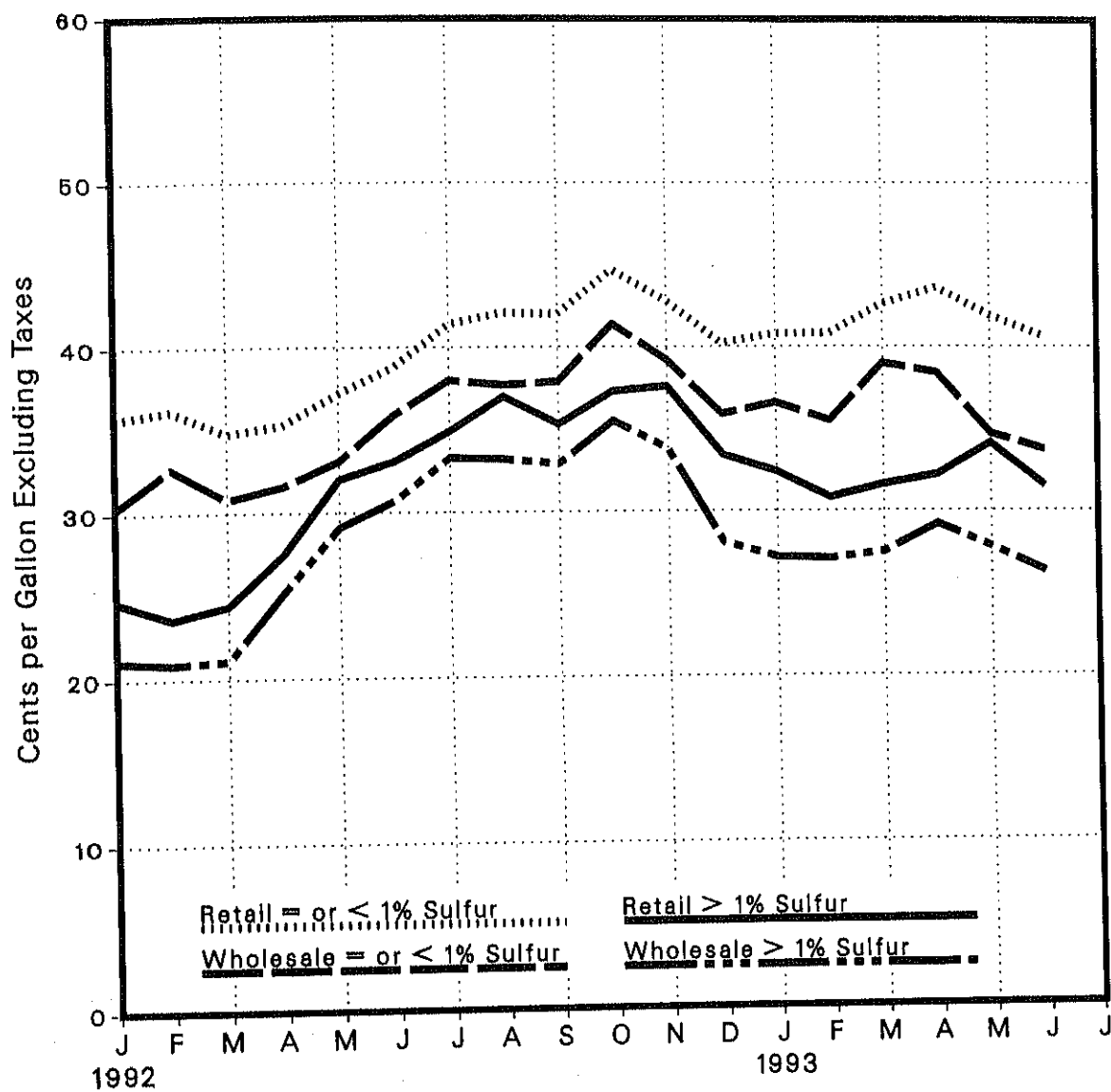
Table 17. U.S. Refiner Residual Fuel Oil Prices
(Cents per Gallon Excluding Taxes)

Year Month	Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent		Residual Fuel Oil Sulfur Content Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
1978 Average	31.4	28.3	27.5	24.5	28.8	26.3
1979 Average	46.6	45.0	38.9	36.6	43.6	39.9
1980 Average	67.5	60.8	52.3	47.9	60.7	52.8
1981 Average	82.9	74.8	67.3	62.2	75.8	66.3
1982 Average	74.7	69.5	61.1	57.2	67.6	61.2
1983 Average	69.5	64.3	61.1	59.1	65.1	60.9
1984 Average	72.0	68.5	65.9	63.9	68.7	65.4
1985 Average	84.4	61.0	58.2	56.0	61.0	57.7
1986 Average	37.2	32.8	31.7	28.9	34.3	30.5
1987 Average	44.7	41.2	39.6	36.2	42.3	38.5
1988 Average	37.2	33.3	30.0	27.1	33.4	30.0
1989 Average	43.6	40.7	34.4	33.1	38.5	36.0
1990 Average	50.5	47.2	40.0	37.2	44.4	41.3
1991						
January	59.8	52.1	49.7	49.2	53.4	50.2
February	44.4	36.5	37.1	32.0	39.8	33.4
March	38.3	36.0	28.2	24.2	32.3	28.2
April	37.6	33.6	27.0	25.8	30.2	28.7
May	36.6	36.6	27.6	27.7	31.0	30.3
June	35.3	32.1	26.9	28.6	29.5	29.7
July	36.4	32.6	28.2	27.4	31.2	28.8
August	36.8	33.4	27.7	25.9	31.1	27.9
September	36.8	33.7	27.3	25.4	30.6	27.9
October	38.5	34.1	29.7	27.6	32.3	29.5
November	40.8	36.6	31.8	27.9	35.1	30.7
December	40.0	34.8	28.8	26.1	33.1	28.9
1991 Average	40.2	36.4	30.6	29.2	34.0	31.4
1992						
January	35.7	30.3	24.7	21.1	28.8	24.4
February	36.2	32.7	23.6	20.9	27.7	25.6
March	34.8	30.8	24.4	21.1	27.7	24.6
April	35.3	31.6	27.5	25.2	29.6	27.4
May	37.2	33.1	32.0	29.1	33.4	30.2
June	38.8	35.9	33.1	30.7	34.5	32.5
July	41.4	38.0	34.9	33.3	36.7	34.7
August	42.1	37.7	37.0	33.2	38.8	34.7
September	42.0	37.9	35.3	32.9	37.5	34.8
October	44.7	41.4	37.3	35.5	39.2	37.4
November	42.8	39.2	37.6	33.8	39.4	35.9
December	40.2	35.9	33.4	28.1	36.2	30.6
1992 Average	38.9	35.4	31.3	28.4	33.8	30.7
1993						
January	40.8	36.6	32.4	27.2	35.3	31.2
February	40.8	35.5	30.8	27.1	34.4	31.1
March	42.6	39.0	31.6	27.5	35.6	32.9
April	43.6	38.4	32.2	29.2	36.3	33.6
May	41.8	34.7	34.1	27.8	36.8	31.0
June	40.6	33.7	31.5	26.3	34.7	30.0

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," January 1983 forward. Energy Information Administration Form EIA-480, "Petroleum Industry Monthly Report for Product Prices," source for backcast estimates prior to January 1983.

Figure 11. U.S. Refiner Residual Fuel Oil Prices



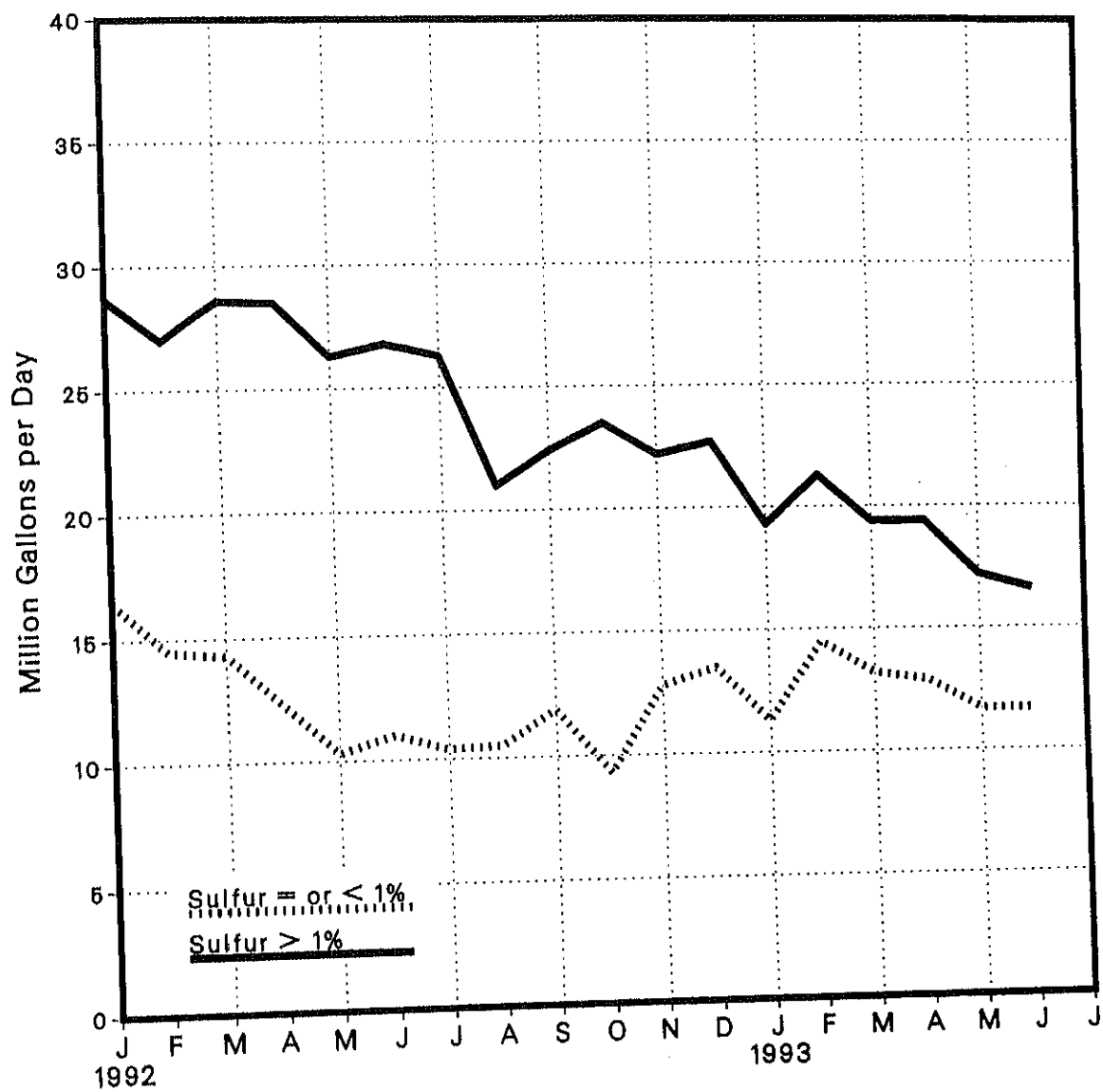
Source: Energy Information Administration, Form EIA-782A "Refiners/Gas Plant Operators Monthly Petroleum Product Sales Report."

Table 18. U.S. Refiner Residual Fuel Oil Volumes
(Million Gallons per Day)

Year Month	Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent		Residual Fuel Oil Sulfur Content Greater Than 1 Percent		Total	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
1983 Average	13.4	7.2	14.9	12.9	28.3	20.2
1984 Average	15.1	6.7	17.8	14.6	32.9	21.3
1985 Average	11.4	7.0	13.8	12.9	25.2	19.9
1986 Average	15.3	7.7	16.5	11.1	31.7	18.7
1987 Average	15.1	7.8	13.9	9.1	29.0	16.9
1988 Average	14.2	8.7	15.9	10.3	30.2	18.9
1989 Average	13.4	7.9	17.0	13.1	30.4	21.0
1990 Average	11.1	7.4	14.9	10.5	25.9	17.9
1991						
January	8.7	6.8	14.7	13.0	23.4	19.8
February	8.5	6.1	14.2	13.6	22.7	19.8
March	10.3	5.2	15.2	10.2	25.4	15.4
April	6.4	7.3	15.7	12.2	22.1	19.5
May	8.0	5.9	14.5	14.4	23.2	20.4
June	7.8	6.0	18.2	12.9	25.9	18.9
July	10.2	3.6	18.0	9.5	28.3	13.0
August	9.3	4.8	15.5	13.6	24.8	18.4
September	8.2	5.7	15.0	12.8	23.1	18.5
October	5.9	4.2	13.9	10.2	19.8	14.4
November	7.9	4.9	13.8	10.8	21.7	15.7
December	10.7	6.5	16.9	13.4	27.6	19.9
1991 Average	8.6	6.6	15.5	12.2	24.0	17.8
1992						
January	10.5	6.0	17.9	10.8	28.4	16.8
February	9.1	5.5	18.8	8.2	27.9	13.6
March	8.4	5.9	17.9	10.7	26.2	16.7
April	6.0	6.3	18.8	11.7	22.8	17.9
May	5.3	4.9	14.1	12.1	19.5	17.1
June	5.2	5.8	16.3	10.5	21.5	16.2
July	6.9	4.5	15.1	11.2	21.0	15.6
August	6.5	4.0	12.4	8.6	18.9	12.6
September	6.6	5.4	13.5	8.9	20.0	14.3
October	5.1	4.2	14.6	8.9	19.7	13.1
November	7.1	5.7	13.6	8.6	20.7	14.3
December	9.0	4.5	13.3	9.5	22.2	14.0
1992 Average	7.1	5.2	14.5	10.8	21.6	16.0
1993						
January	7.0	4.3	13.5	5.8	20.6	10.1
February	7.7	6.8	13.9	7.4	21.6	14.2
March	7.0	6.2	12.4	7.0	19.4	13.2
April	7.2	5.7	13.0	6.4	20.2	12.1
May	5.3	6.4	9.9	7.3	15.2	13.8
June	6.1	5.6	11.0	5.6	17.1	11.2

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Totals and averages may not equal the sum of components due to rounding.
Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Figure 12. U.S. Refiner Residual Fuel Oil Total Volumes



Source: Energy Information Administration, Form EIA-782A "Refiners/Gas Plant Operators Monthly Petroleum Product Sales Report."

Crude Oil Prices

Table 19. Crude Oil Refiner Acquisition Costs
(Dollars per Barrel)

Year Month	Major Refiners			Other Refiners			Average		
	Domestic	Imported	Average	Domestic	Imported	Average	Domestic	Imported	Average
1978 Average	NA	NA	NA	NA	NA	NA	10.61	14.57	12.46
1979 Average	NA	NA	NA	NA	NA	NA	14.27	21.67	17.72
1980 Average	NA	NA	NA	NA	NA	NA	24.23	33.89	28.07
1981 Average	34.25	37.41	35.49	34.54	36.39	34.92	34.33	37.05	35.24
1982 Average	31.07	33.92	31.89	31.72	32.07	31.81	31.22	33.55	31.87
1983 Average	28.67	29.53	28.92	29.42	28.33	29.17	28.87	29.30	28.99
1984 Average	28.42	29.04	28.61	28.90	28.08	28.71	28.53	28.88	28.63
1985 Average	26.66	27.11	26.79	26.66	26.51	26.63	26.66	26.99	26.75
1986 Average	14.74	13.99	14.49	15.07	14.06	14.75	14.82	14.00	14.55
1987 Average	17.65	18.14	17.84	18.10	18.09	18.10	17.76	18.13	17.90
1988 Average	14.59	14.57	14.58	15.12	14.55	14.91	14.74	14.56	14.67
1989 Average	17.75	18.09	17.90	18.20	18.07	18.15	17.87	18.08	17.97
1990 Average	22.58	22.02	22.30	22.66	20.87	21.98	22.59	21.76	22.22
1991									
January	22.87	22.56	22.73	24.23	21.34	23.21	23.25	22.30	22.85
February	18.96	18.36	18.70	20.88	18.08	19.92	19.55	18.30	19.03
March	17.77	17.68	17.73	18.91	17.19	18.35	18.12	17.58	17.69
April	18.49	18.35	18.42	18.74	18.18	18.55	18.56	18.32	18.46
May	18.77	18.45	18.62	19.44	18.04	18.90	18.98	18.36	18.70
June	17.83	17.85	17.84	18.90	17.56	18.37	18.16	17.78	17.98
July	18.77	18.24	18.52	19.24	17.81	18.69	18.91	18.14	18.57
August	18.74	18.00	18.77	19.88	18.43	19.29	19.10	18.71	19.02
September	18.99	19.18	19.09	20.01	18.41	19.38	19.31	19.09	19.17
October	20.12	19.92	20.03	20.98	19.70	20.49	20.39	19.66	20.16
November	19.59	19.57	19.58	20.90	18.64	20.07	20.01	19.35	19.72
December	17.50	17.25	17.39	18.65	16.89	18.01	17.84	17.17	17.56
1991 Average	19.03	18.82	18.93	20.02	18.33	19.39	19.33	18.70	19.06
1992									
January	16.58	16.13	16.37	17.33	15.97	16.83	16.80	16.10	16.50
February	16.30	15.98	16.14	17.10	16.17	16.77	16.54	16.00	16.30
March	16.56	16.46	16.51	17.06	16.05	16.69	16.71	16.36	16.56
April	17.81	17.50	17.70	18.05	16.64	17.55	17.88	17.37	17.66
May	18.70	19.00	18.84	19.21	18.04	18.79	18.86	18.79	18.83
June	20.00	19.99	20.00	20.40	19.14	19.97	20.13	19.83	19.99
July	20.22	19.82	20.02	20.88	19.44	20.32	20.42	19.74	20.10
August	19.70	19.39	19.54	20.14	18.79	19.60	19.84	19.25	19.56
September	19.72	19.37	19.55	20.21	18.88	19.71	19.88	19.26	19.59
October	19.43	19.44	19.44	20.09	18.99	19.64	19.64	19.34	19.49
November	18.76	18.42	18.59	19.27	18.32	18.86	18.90	18.40	18.66
December	17.79	17.00	17.41	17.99	16.74	17.48	17.85	16.94	17.43
1992 Average	18.46	18.30	18.38	19.01	17.84	18.57	18.63	18.20	18.43
1993									
January	17.33	16.86	17.09	17.58	16.46	17.12	17.40	16.78	17.10
February	17.80	17.61	17.71	17.94	16.70	17.45	17.84	17.41	17.64
March	18.14	17.90	18.02	18.69	17.56	18.25	18.31	17.82	18.08
April	18.34	18.52	18.44	18.80	17.70	18.37	18.49	18.35	18.42
May	18.33	17.94	18.12	18.66	17.71	18.26	18.43	17.89	18.16
June	17.61	16.80	17.19	17.90	16.81	17.45	17.70	16.60	17.26

NA = Not available.

Note: Values shown for current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Note: Geographic coverage is the 50 United States, the District of Columbia, Puerto Rico, Guam, and the Virgin Islands.
Sources: January 1978 through June 1978: Form FEA-P110-M-1, "Refiners' Monthly Cost Allocation Report"; July 1978 through December 1980 Form ERA-49, "Domestic Crude Oil Entitlements Program Refiners' Monthly Report"; January 1981 to present: Form EIA-14, "Refiners' Monthly Cost Report."

Table 20. Domestic Crude Oil First Purchase Prices
(Dollars per Barrel)

Year Month	U.S. Average		PAD District I				PAD District II						
	Total U.S.	Less Alaska North Slope	PAD I Average	New York	Pennsylvania	West Virginia	PAD II Average	Illinois	Indiana	Kansas	Kentucky	Michigan	Nebraska
1978 Average	9.00	9.56	12.25	W	14.72	14.48	11.91	13.81	13.70	13.20	13.73	11.86	11.40
1979 Average	12.64	13.01	14.30	W	24.13	23.35	18.33	23.49	23.28	21.57	22.55	14.47	18.13
1980 Average	21.59	22.65	22.66	W	37.46	36.92	30.12	35.78	35.91	34.20	34.98	23.54	30.60
1981 Average	31.77	33.71	35.22	W	36.03	35.63	35.63	36.03	36.07	35.80	35.90	35.74	35.32
1982 Average	28.52	30.43	31.77	30.91	30.77	29.98	31.65	31.69	31.66	30.79	31.19	31.80	30.98
1983 Average	26.19	28.00	28.32	28.19	28.28	27.27	29.17	29.12	29.06	28.45	28.60	28.93	28.58
1984 Average	25.88	27.59	27.76	27.70	27.71	26.90	28.62	28.76	28.72	27.99	28.24	28.54	27.83
1985 Average	24.09	25.74	25.88	25.19	25.05	24.35	25.94	26.90	26.82	25.33	26.20	26.16	25.42
1986 Average	12.51	14.13	14.76	16.03	15.77	14.68	14.30	14.70	14.55	14.02	14.20	14.61	13.70
1987 Average	15.40	16.83	16.52	17.40	17.43	16.56	17.42	17.53	17.49	17.37	17.19	17.63	17.08
1988 Average	12.58	13.97	14.21	W	15.26	14.35	14.65	14.79	14.78	14.55	14.58	14.92	14.08
1989 Average	15.86	17.13	17.16	W	18.15	17.18	18.04	18.36	18.37	18.18	18.36	18.06	17.36
1990 Average	20.03	21.57	22.06	23.32	23.00	22.16	22.88	23.36	23.46	23.21	23.20	22.92	21.94
1991													
January	19.60	21.44	22.40	23.67	22.46	W	22.63	23.37	23.85	22.99	22.95	22.77	21.77
February	16.28	17.62	18.76	20.00	19.60	W	18.90	19.29	19.29	19.27	18.89	19.03	17.96
March	15.13	16.72	16.92	17.53	17.00	W	18.07	18.59	18.51	18.62	18.24	18.15	17.20
April	16.16	17.65	18.00	18.79	18.42	W	19.05	19.65	19.65	19.54	19.62	19.34	18.30
May	16.44	18.00	18.58	19.59	18.98	W	19.36	20.00	19.99	19.71	19.62	19.65	18.48
June	15.58	17.06	17.51	18.36	18.29	W	18.27	18.98	18.99	18.56	18.58	18.65	17.52
July	16.36	18.01	18.41	19.20	19.11	W	19.56	20.22	20.23	19.70	19.84	19.90	18.83
August	16.60	18.16	19.02	19.23	19.72	W	19.77	20.43	20.44	19.91	20.09	20.10	18.99
September	16.71	18.35	19.29	20.06	19.92	W	19.99	20.62	20.68	20.09	20.25	20.29	19.25
October	17.72	19.54	20.62	21.10	21.43	W	21.33	21.96	21.92	21.45	21.65	21.67	20.63
November	17.12	18.96	20.10	20.44	20.52	W	20.48	21.04	21.05	20.53	20.66	20.86	19.72
December	14.68	16.34	17.54	17.68	17.76	W	17.63	18.18	18.17	17.73	17.87	17.98	16.82
1991 Average	16.54	18.16	19.01	19.67	19.48	W	19.58	20.19	20.20	19.84	19.84	19.88	18.78
1992													
January	13.99	15.55	16.51	16.88	17.10	16.22	16.95	17.65	17.62	16.94	17.17	17.28	16.18
February	14.04	15.61	16.73	W	17.32	16.27	17.06	17.66	17.74	16.99	17.32	17.48	16.19
March	14.12	15.55	16.54	W	17.13	16.09	16.99	17.62	17.68	16.91	17.30	17.36	16.08
April	15.36	16.83	17.95	W	18.16	17.43	18.31	18.93	19.02	18.16	18.52	18.60	17.19
May	16.38	17.79	18.85	W	19.24	18.28	19.08	19.75	19.77	18.95	19.39	19.40	17.92
June	17.96	19.44	20.53	W	20.67	19.87	20.48	21.07	21.11	20.28	20.78	20.79	19.22
July	17.80	18.98	19.49	W	19.86	18.77	19.81	20.43	20.54	19.60	19.97	20.20	18.56
August	17.07	18.31	19.33	19.03	19.35	18.66	19.39	20.01	19.93	19.25	19.23	19.76	18.18
September	17.20	18.64	19.93	20.09	19.86	19.17	19.95	20.56	20.47	19.83	19.85	20.38	18.79
October	17.16	18.52	19.85	20.51	20.09	19.68	19.72	20.32	20.20	19.61	19.56	20.13	18.63
November	16.00	17.22	18.74	19.60	20.09	19.22	18.46	18.98	18.91	18.28	18.40	18.79	17.26
December	14.94	16.26	17.68	18.94	18.73	18.10	17.56	18.09	18.22	17.41	17.40	17.81	16.31
1992 Average	15.99	17.38	18.52	19.05	19.01	18.09	18.63	19.26	19.27	18.50	18.75	18.99	17.51
1993													
January	14.64	15.90	17.16	W	18.20	17.44	17.15	17.81	17.77	17.11	17.21	17.52	15.93
February	15.47	16.71	17.87	17.78	18.21	17.45	18.09	18.75	18.81	18.05	18.08	18.57	16.88
March	15.88	17.04	18.70	18.62	18.97	18.02	18.30	18.92	18.93	18.16	18.22	18.75	16.95
April	16.08	17.08	19.19	18.71	19.25	18.20	18.20	18.86	18.89	18.06	18.12	18.70	16.91
May	15.97	16.89	18.68	18.72	18.85	17.86	17.78	18.47	18.38	17.50	17.84	18.34	16.26
June	15.01	15.97	18.39	17.85	17.98	17.57	16.74	17.46	17.42	16.35	16.83	17.29	15.40

Table 20. Domestic Crude Oil First Purchase Prices (Continued)
(Dollars per Barrel)

Year Month	PAD District II (Cont.)				PAD District III							
	North Dakota	Ohio	Oklahoma	South Dakota	PAD III Average	Alabama	Arkansas	Louisiana	Mississippi	New Mexico	Texas	Federal Offshore Gulf
1978 Average	9.75	13.80	11.30	12.16	9.37	10.52	10.63	9.03	7.91	10.17	9.29	9.86
1979 Average	13.64	22.79	17.53	15.35	12.33	11.97	14.72	11.42	10.74	14.33	12.65	11.23
1980 Average	26.42	36.64	29.25	28.81	21.24	20.57	24.17	19.87	20.85	24.06	21.84	18.87
1981 Average	35.83	38.11	35.43	35.55	35.00	35.80	33.69	35.45	30.47	35.04	35.08	35.07
1982 Average	31.89	30.90	32.04	31.63	31.92	32.32	30.12	32.44	29.04	31.82	31.77	32.61
1983 Average	29.27	28.14	29.67	29.10	29.45	30.07	28.28	30.02	26.76	29.26	29.35	29.77
1984 Average	28.39	27.71	29.11	28.36	29.03	29.39	28.15	29.67	27.26	28.69	28.87	29.36
1985 Average	25.32	25.11	26.28	25.79	26.91	25.77	25.79	27.22	25.51	26.84	26.80	27.33
1986 Average	13.54	15.51	14.47	13.81	14.89	13.91	14.54	15.32	13.63	14.93	14.73	15.27
1987 Average	16.76	17.42	17.62	16.96	17.57	16.80	17.23	17.97	16.78	17.57	17.55	17.54
1988 Average	13.85	15.19	14.86	14.04	14.75	13.86	14.41	15.22	13.98	14.78	14.71	14.71
1989 Average	17.12	18.06	18.23	17.33	17.86	17.27	17.34	18.39	17.00	17.86	17.81	17.83
1990 Average	21.94	23.09	22.95	22.32	22.42	22.09	21.56	23.04	21.06	22.44	22.37	22.40
1991												
January	22.08	23.56	22.43	22.12	22.39	22.13	21.16	23.21	20.82	22.58	22.20	22.60
February	18.12	20.05	18.85	18.24	18.51	18.05	17.06	19.37	16.97	18.78	18.29	18.79
March	17.36	17.04	18.01	17.50	17.87	17.58	16.35	18.70	15.90	17.78	17.43	17.95
April	18.14	18.37	18.98	18.53	18.66	18.43	17.39	19.55	16.99	18.63	18.45	18.93
May	18.60	18.97	19.36	18.99	19.00	18.67	17.71	19.86	17.50	19.08	18.78	19.32
June	17.56	18.31	18.20	18.13	17.97	17.80	16.77	18.73	16.41	18.12	17.76	18.27
July	18.72	19.14	19.65	19.16	19.14	19.03	17.91	19.98	17.75	19.32	18.97	19.26
August	18.06	19.69	19.83	19.37	19.30	18.28	18.18	20.15	17.83	19.36	19.15	19.39
September	19.08	19.94	20.12	19.76	19.56	19.45	18.42	20.63	17.99	19.69	19.41	19.56
October	20.38	21.44	21.44	20.87	20.92	20.81	19.94	22.03	19.36	20.98	20.76	20.93
November	19.74	20.64	20.56	20.28	20.21	20.21	19.16	21.23	18.51	20.33	20.03	20.26
December	18.04	17.74	17.73	17.35	17.37	17.23	16.52	18.34	15.63	17.54	17.17	17.50
1991 Average	18.80	19.59	19.59	19.21	19.23	19.05	18.06	20.14	17.65	19.35	19.04	19.41
1992												
January	16.26	17.12	17.01	16.36	16.64	16.43	15.69	17.58	14.93	16.77	16.51	16.64
February	16.43	17.25	17.16	16.70	16.76	16.55	15.92	17.60	15.10	16.86	16.71	16.62
March	16.32	17.05	17.11	16.48	16.68	16.68	15.75	17.49	15.08	16.92	16.61	16.57
April	17.72	18.14	18.48	17.93	18.08	17.94	17.00	18.86	16.46	18.31	18.06	17.87
May	18.39	18.25	19.24	18.71	18.86	18.72	17.77	19.69	17.26	19.13	18.76	18.79
June	19.06	20.67	20.65	20.12	20.29	20.15	19.15	21.09	18.54	20.53	20.21	20.23
July	19.06	20.71	20.00	19.45	19.71	19.56	18.48	20.50	17.88	19.93	19.61	19.71
August	18.21	19.71	19.53	19.16	19.14	18.78	18.02	19.72	17.35	19.25	19.07	19.27
September	18.06	19.41	19.53	19.47	19.66	19.19	18.65	20.00	17.97	19.77	19.59	19.68
October	19.40	20.93	20.00	19.23	19.47	19.26	18.39	19.70	17.83	19.61	19.44	19.59
November	19.21	20.33	19.77	19.84	18.10	18.26	17.13	18.35	16.53	18.32	18.07	18.16
December	17.02	20.03	18.53	17.11	17.23	17.41	16.19	17.57	15.58	17.39	17.19	17.27
1992 Average	18.02	18.96	18.74	18.19	18.37	18.22	17.33	19.00	16.70	18.55	18.32	18.35
1993												
January	16.56	18.22	17.16	16.78	16.88	17.16	15.78	17.16	15.30	17.09	16.84	16.95
February	17.30	18.32	18.20	17.74	17.83	17.78	16.75	18.07	16.28	18.07	17.81	17.85
March	17.68	18.88	18.39	17.82	18.05	17.88	16.96	18.25	16.47	18.33	18.05	18.06
April	17.58	19.08	18.27	17.60	17.96	17.77	16.87	18.16	16.35	18.13	17.96	17.99
May	16.06	18.82	17.97	17.02	17.61	17.38	16.50	17.74	15.85	17.81	17.59	17.73
June	15.82	17.88	16.99	15.72	16.69	16.84	15.46	16.79	15.00	16.97	16.70	16.71

See footnotes at end of table.

Table 20. Domestic Crude Oil First Purchase Prices (Continued)
(Dollars per Barrel)

Year Month	PAD District IV					PAD District V				
	PAD IV Average	Colorado	Montana	Utah	Wyoming	PAD V Average	Alaska North Slope	Alaska Other	California	Federal Offshore California
1978 Average	9.50	10.84	9.04	9.98	9.16	6.60	5.21	5.45	8.50	6.10
1979 Average	11.98	13.28	12.03	11.41	11.73	11.17	10.57	6.22	12.78	8.06
1980 Average	21.29	22.91	20.53	19.79	21.34	19.09	16.87	10.25	23.87	16.28
1981 Average	33.38	35.69	34.69	34.14	32.30	24.79	23.23	30.15	26.80	24.56
1982 Average	30.14	31.56	31.25	30.50	29.37	21.84	19.92	27.74	24.58	23.37
1983 Average	27.81	28.92	28.80	28.12	27.19	19.66	17.69	23.59	22.61	20.54
1984 Average	27.18	28.09	28.07	27.21	26.73	19.52	17.91	24.37	22.09	20.41
1985 Average	24.78	25.64	25.29	23.98	24.67	19.11	16.98	22.46	22.14	20.08
1986 Average	13.24	13.98	13.58	13.33	12.94	8.53	6.45	13.13	11.90	9.48
1987 Average	16.77	17.71	16.57	17.22	16.45	11.89	10.83	15.48	13.92	11.82
1988 Average	13.85	14.83	13.84	14.24	13.47	9.28	8.43	12.92	10.97	9.41
1989 Average	17.37	18.66	17.03	18.63	18.73	12.71	12.00	16.17	14.06	12.64
1990 Average	21.68	23.16	21.61	22.61	21.04	16.15	15.23	21.16	17.81	16.21
1991										
January	21.35	23.15	21.37	22.75	20.56	15.24	14.11	19.18	17.48	15.08
February	17.73	19.28	17.45	19.22	17.02	12.72	12.28	15.68	13.62	11.63
March	16.92	18.58	16.70	18.44	16.15	11.10	10.44	14.58	12.34	10.95
April	17.64	19.46	17.59	19.33	16.70	12.11	11.48	15.27	13.30	11.32
May	18.02	19.77	18.05	19.88	17.06	12.32	11.53	15.66	13.72	12.10
June	17.03	18.78	17.06	19.03	16.11	11.82	10.99	14.84	13.32	11.50
July	18.16	20.01	18.28	19.97	17.21	11.98	11.29	14.65	13.34	10.92
August	18.31	20.17	18.21	20.18	17.41	12.28	11.64	15.03	13.52	10.94
September	18.60	20.27	18.44	20.27	17.80	12.31	11.71	15.25	13.52	10.80
October	19.83	21.63	19.78	21.69	18.94	12.81	12.32	16.02	13.85	11.15
November	19.96	20.81	18.97	20.96	18.00	12.35	11.46	15.93	14.14	11.18
December	18.04	18.01	16.12	18.14	15.03	10.46	9.45	12.95	12.48	9.59
1991 Average	18.21	19.95	18.17	19.99	17.33	12.30	11.57	15.36	13.72	11.33
1992										
January	15.47	17.33	15.43	17.41	14.57	9.87	9.29	11.56	11.18	8.52
February	15.67	17.46	15.51	17.63	14.78	9.89	9.40	12.52	11.03	8.00
March	15.58	17.46	15.44	17.63	14.66	10.19	9.84	13.20	10.97	8.27
April	16.95	18.80	16.76	19.22	15.99	11.16	10.82	14.75	11.91	9.07
May	17.69	19.49	17.49	19.74	16.77	12.58	12.03	16.21	13.70	10.90
June	19.14	20.67	18.78	21.38	18.23	14.35	13.40	18.53	16.19	13.63
July	18.53	20.19	18.26	20.74	17.66	14.87	14.06	18.47	16.52	13.44
August	18.10	19.71	17.84	20.19	17.28	13.90	13.23	17.16	15.19	12.82
September	18.61	20.31	18.36	20.84	17.73	13.48	12.90	16.61	14.70	12.03
October	18.39	20.11	18.19	20.62	17.51	13.65	13.03	17.12	14.93	11.87
November	17.05	18.82	16.86	19.22	16.21	12.81	12.29	16.25	13.89	11.01
December	16.18	17.83	16.18	18.32	15.28	11.42	10.93	14.68	12.52	9.62
1992 Average	17.27	19.04	17.08	19.39	16.38	12.32	11.73	15.56	13.55	10.78
1993										
January	15.63	17.43	15.78	18.01	14.94	11.22	10.83	14.16	12.11	9.16
February	16.77	18.36	16.64	19.01	15.90	11.81	11.58	14.57	12.44	9.52
March	17.19	18.51	16.82	19.22	16.46	12.51	12.28	16.06	13.10	10.00
April	17.14	18.48	16.66	19.23	16.39	13.10	12.91	16.84	13.63	10.59
May	16.77	17.93	16.22	18.86	16.10	13.38	12.96	17.40	14.31	11.25
June	15.84	17.28	15.17	17.99	15.09	12.33	11.79	15.60	13.51	10.21

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Note: The actual domestic average price represents the average price at the lease (or wellhead) at which domestic crude oil is purchased. Sources: January 1978 through December 1982: Form ERA-182, "Domestic Crude Oil First Purchase Report"; January 1983 to present: Form EIA-182, "Domestic Crude Oil First Purchase Report."

Table 21. FOB^a Costs of Imported Crude Oil, by Selected Country
(Dollars per Barrel)

Year Month	Selected Countries									OPEC	
	Algeria	Indonesia	Iran	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela	Other Countries	Arab OPEC ^b	Total OPEC ^c
1978 Average	14.12	13.61	12.65	13.24	14.05	12.70	13.82	12.38	13.35	13.28	13.31
1979 Average	20.53	19.03	22.93	20.27	21.69	17.28	21.70	16.90	21.10	19.27	18.88
1980 Average	36.87	32.17	NA	31.08	35.93	28.17	34.36	24.81	34.34	31.57	32.21
1981 Average	39.08	35.62	-	33.01	38.31	32.60	36.06	28.95	36.69	34.79	35.17
1982 Average	34.20	35.11	30.97	28.08	35.13	33.73	33.42	23.74	31.98	33.84	33.48
1983 Average	30.09	29.92	28.39	25.20	29.81	27.53	29.91	21.48	27.98	28.28	28.46
1984 Average	28.34	29.13	27.42	26.39	29.51	27.67	28.87	24.23	27.79	27.79	27.79
1985 Average	26.89	27.12	W	25.33	28.04	22.04	27.64	23.64	26.12	24.34	25.67
1986 Average	13.62	13.19	W	11.84	14.35	11.36	13.84	10.92	13.32	11.59	12.21
1987 Average	16.79	17.40	W	16.36	18.47	15.12	18.28	15.08	17.11	15.80	16.43
1988 Average	W	13.81	-	12.18	15.16	12.16	14.80	12.96	13.45	12.57	13.43
1989 Average	W	17.01	-	15.98	18.31	16.29	17.89	16.09	17.12	16.72	17.06
1990 Average	W	21.29	-	19.28	22.46	20.36	23.43	19.55	19.69	18.84	20.40
1991											
January	W	W	-	19.39	24.68	12.89	W	17.04	21.24	16.04	19.45
February	W	20.82	-	13.62	20.48	14.06	W	14.50	17.12	14.56	16.73
March	W	W	-	13.59	19.44	W	24.50	14.90	16.18	15.24	16.48
April	W	16.85	-	15.34	18.12	15.14	W	15.38	16.00	15.72	16.88
May	W	W	W	15.24	18.35	15.15	W	14.68	16.95	15.71	16.71
June	W	16.77	-	14.68	18.38	14.54	W	13.62	16.33	15.29	16.04
July	W	W	W	15.24	18.44	W	18.45	14.85	17.41	15.86	16.86
August	W	W	W	15.34	20.20	16.35	W	14.64	17.92	16.81	17.23
September ..	W	W	W	15.40	21.10	15.85	20.24	15.53	18.79	16.76	17.57
October	W	18.50	W	16.91	22.55	14.61	W	16.44	19.42	15.76	18.12
November	W	W	-	16.30	21.63	13.33	21.67	14.77	18.97	15.02	17.03
December	W	W	-	13.47	18.99	12.72	W	12.82	16.57	14.32	15.03
1991 Average	W	18.89	15.58	15.37	20.29	14.82	20.81	14.91	17.79	15.59	16.99
1992											
January	W	W	-	12.45	18.58	W	-	12.32	15.44	14.07	14.50
February	W	W	-	12.40	18.28	14.81	W	12.53	16.04	15.35	15.04
March	-	W	-	12.68	18.10	14.87	W	12.45	16.01	15.20	15.20
April	W	16.23	-	14.11	19.59	W	W	14.38	17.10	17.26	17.25
May	W	W	-	16.05	20.47	17.61	W	15.03	18.35	18.13	17.83
June	W	W	-	17.09	21.42	W	20.14	15.33	18.20	17.95	18.44
July	W	W	-	16.88	20.83	17.60	W	15.10	18.74	18.20	18.09
August	W	W	-	16.36	20.33	W	20.00	15.98	18.43	17.99	17.89
September ..	-	W	-	16.88	20.84	16.69	20.20	16.21	18.65	17.11	18.01
October	-	W	-	16.90	20.76	W	W	15.40	18.70	15.89	17.42
November	-	W	-	15.78	20.00	14.62	19.82	13.82	17.57	15.12	15.97
December	W	W	-	14.79	18.42	15.62	W	13.38	16.13	15.91	15.60
1992 Average	W	17.06	-	15.26	19.98	15.85	18.81	14.39	17.65	16.50	16.87
1993											
January	-	W	-	14.14	17.95	15.55	18.29	12.99	15.17	15.60	15.62
February	-	W	-	14.64	19.06	16.17	18.13	13.68	16.51	16.39	16.49
March	W	W	-	15.17	19.33	16.45	18.51	14.22	16.85	16.83	16.92
April	-	W	-	15.04	19.19	16.03	18.36	14.52	16.90	16.24	16.59
May	-	19.14	-	15.05	18.92	15.62	18.37	13.89	16.73	15.78	16.30
June	-	W	-	14.08	18.01	W	W	12.67	15.77	14.28	14.99

^a FOB = Free on Board. See Glossary.

^b Includes Algeria, Libya, Saudi Arabia, United Arab Emirates, Iraq, Kuwait, and Qatar.

^c Includes Algeria, Gabon, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates and Venezuela. Prior to January

1, 1993, data included Ecuador, which was then a member of OPEC.

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Note: Values for the current 2 months are preliminary. Values shown for previous months are revised. Data are final upon publication in the Petroleum Marketing Annual.

Note: Prices through 1980 reflect the month of reporting; prices since then reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail.

Sources: January 1978 through December 1978: Form FEA-F701-M-0, "Transfer Pricing Report"; January 1979 through September 1982: Form ERA-51, "Transfer Pricing Report"; October 1982 through June 1984: Form EP-51, "Monthly Foreign Crude Oil Transaction Report"; July 1984 to present: Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report."

Table 22. Landed Costs of Imported Crude Oil, by Selected Country
(Dollars per Barrel)

Year Month	Selected Countries										OPEC	
	Algeria	Canada	Indonesia	Iran	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela	Other Countries	Arab OPEC ^a	Total OPEC ^b
1978 Average	14.93	14.41	14.65	13.89	13.56	14.88	13.94	14.53	12.84	14.58	14.36	14.34
1979 Average	21.88	20.22	20.63	24.21	20.77	22.97	18.95	22.97	17.65	22.86	20.79	21.29
1980 Average	37.92	30.11	33.92	NA	31.77	37.15	29.80	35.60	25.92	36.15	32.97	33.56
1981 Average	40.46	32.32	37.31	-	33.70	39.66	34.20	37.29	29.91	38.54	36.22	36.60
1982 Average	35.35	27.15	36.70	32.46	28.63	36.16	34.99	34.25	24.93	34.03	35.15	34.81
1983 Average	31.26	25.83	31.57	29.81	25.78	30.85	29.27	30.87	22.94	29.68	29.87	29.84
1984 Average	29.06	26.55	30.87	28.70	26.85	30.36	29.20	29.45	25.19	29.21	29.10	29.06
1985 Average	27.51	25.71	28.67	25.79	25.63	28.96	24.72	28.36	24.43	27.33	25.90	26.86
1986 Average	14.82	13.43	14.63	12.38	12.17	15.29	12.84	14.63	11.52	14.25	13.14	13.46
1987 Average	17.87	17.04	18.49	18.28	16.69	19.32	16.81	18.78	15.76	18.30	17.32	17.64
1988 Average	W	13.50	15.15	W	12.58	15.88	13.37	15.82	13.66	14.45	13.60	14.18
1989 Average	19.13	16.81	18.35	-	18.35	19.19	17.34	18.74	16.78	18.08	17.41	17.78
1990 Average	W	20.48	22.50	-	19.64	23.33	21.82	22.65	20.31	20.52	20.64	21.23
1991												
January	W	20.81	W	-	19.98	26.00	18.53	W	18.35	24.08	18.94	20.16
February	W	17.05	22.61	-	14.23	21.66	16.18	W	15.76	19.42	18.29	17.43
March	W	15.20	20.03	-	14.15	20.60	17.08	25.77	16.18	18.59	17.23	17.88
April	W	16.26	18.85	-	15.85	20.31	17.54	20.56	16.35	18.77	17.65	18.17
May	W	16.28	W	W	15.81	20.50	17.34	20.21	15.74	19.53	17.49	17.98
June	W	16.19	18.25	-	15.20	19.79	16.85	19.35	14.61	18.38	17.01	17.32
July	W	17.14	17.76	17.56	15.89	20.73	17.48	20.47	15.92	18.82	17.61	17.96
August	W	17.61	W	W	15.78	21.29	18.04	20.71	15.64	19.30	18.17	18.40
September ..	W	17.84	W	W	15.82	22.13	18.19	21.16	16.44	20.35	18.42	18.70
October	W	18.38	18.85	W	17.34	23.68	17.62	22.07	17.26	20.91	17.87	19.03
November	W	17.53	21.05	-	16.53	22.71	16.46	22.71	15.66	21.04	16.90	17.95
December	W	15.87	W	-	13.96	19.96	15.03	20.29	13.46	18.67	15.49	16.94
1991 Average	W	17.16	20.20	17.54	15.89	21.39	17.22	21.37	15.92	19.73	17.45	18.08
1992												
January	W	14.83	W	-	13.02	19.34	14.81	W	13.20	17.46	15.16	15.38
February	W	15.57	W	-	12.78	19.10	15.61	W	13.47	17.64	15.85	15.87
March	-	15.68	W	-	13.06	19.05	16.05	18.83	13.41	17.44	16.14	16.29
April	W	16.42	17.76	-	14.40	20.32	18.01	18.97	15.06	19.10	18.11	18.07
May	W	17.35	17.66	-	16.39	21.25	18.62	19.99	15.73	19.58	18.80	18.65
June	W	18.40	19.60	-	17.41	22.11	19.49	20.85	16.01	20.93	19.60	19.57
July	W	18.50	21.06	-	17.20	21.49	19.00	21.45	15.78	20.49	19.15	19.06
August	W	18.28	21.26	-	16.74	21.05	18.45	21.37	16.10	20.10	18.79	18.70
September ..	-	18.35	W	-	17.34	21.57	18.45	20.72	16.89	20.12	18.51	18.83
October	W	18.35	W	-	17.26	21.60	17.96	21.17	16.14	20.09	18.08	18.56
November	-	17.28	W	-	16.18	20.79	17.02	21.00	14.51	19.25	17.05	17.28
December	W	15.85	W	-	15.12	19.32	16.64	19.46	14.07	17.80	16.68	16.62
1992 Average	W	17.04	18.76	-	15.60	20.78	17.48	20.63	15.13	19.25	17.83	17.81
1993												
January	-	15.27	W	-	14.50	18.96	16.38	19.12	14.07	17.21	16.99	16.64
February	-	15.84	W	-	14.98	19.92	17.29	19.20	14.60	18.17	17.29	17.43
March	W	16.48	W	-	15.50	20.25	17.56	19.43	15.14	18.43	17.63	17.83
April	W	16.79	19.89	-	15.55	20.18	17.56	19.32	15.54	18.48	17.55	17.77
May	W	16.82	20.67	-	15.55	19.70	17.17	19.28	14.91	18.39	17.24	17.48
June	-	16.25	W	-	14.52	18.92	15.88	18.82	13.72	17.36	16.00	16.14

^a Includes Algeria, Libya, Saudi Arabia, United Arab Emirates, Iraq, Kuwait, and Qatar.

^b Includes Algeria, Gabon, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates and Venezuela. Prior to January 1, 1993, data included Ecuador, which was then a member of OPEC.

Dashes (-) = No data reported.

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Note: Values for the current 2 months are preliminary. Values shown for previous months are revised. Data are final upon publication in the Petroleum Marketing Annual.

Note: Prices through 1980 reflect the month of reporting; prices since then reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail.

Sources: January 1978 through December 1978: Form FEA-F701-M-0, "Transfer Pricing Report"; January 1979 through September 1982: Form ERA-51, "Transfer Pricing Report"; October 1982 through June 1984: Form EP-51, "Monthly Foreign Crude Oil Transaction Report"; July 1984 to present: Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report."

Table 23. FOB^a Costs of Imported Crude Oil by API Gravity
(Dollars per Barrel)

Year Month	20.0° or Less	20.1° to 25.0°	25.1° to 30.0°	30.1° to 35.0°	35.1° to 40.0°	40.1° to 45.0°	45.1° or Greater
1978 Average	11.98	11.74	12.51	13.08	13.82	14.00	14.01
1979 Average	14.43	18.54	19.91	19.54	21.24	21.65	19.77
1980 Average	23.09	28.76	30.72	30.31	34.33	35.39	36.13
1981 Average	26.70	31.20	33.61	34.38	36.85	38.42	38.59
1982 Average	23.08	25.82	31.48	33.56	34.29	34.82	34.48
1983 Average	21.77	24.27	27.38	29.04	29.74	30.10	30.12
1984 Average	24.10	25.31	27.22	28.55	29.18	29.40	28.02
1985 Average	23.45	24.27	24.86	25.46	27.43	27.79	26.90
1986 Average	10.51	10.96	12.25	12.83	13.83	14.19	13.76
1987 Average	15.21	15.37	15.78	17.24	17.99	18.03	17.37
1988 Average	11.92	11.65	12.48	13.82	14.38	14.89	15.25
1989 Average	14.00	14.89	16.95	17.60	18.09	18.23	18.05
1990 Average	15.98	18.00	20.54	20.77	22.19	22.78	22.28
1991							
January	15.27	16.98	19.00	20.56	24.34	23.03	24.84
February	11.50	12.40	16.07	16.57	20.55	19.08	19.88
March	11.94	11.99	16.01	16.21	19.09	18.89	18.94
April	11.82	13.13	16.57	17.15	18.95	19.27	19.55
May	10.94	13.43	16.08	16.90	19.33	19.61	19.43
June	10.72	12.88	15.70	16.67	18.42	18.09	19.44
July	12.17	13.72	16.50	17.62	19.68	19.23	W
August	11.53	14.08	16.72	18.02	20.19	19.26	W
September	11.66	14.44	17.07	18.54	20.61	W	W
October	12.78	15.28	17.07	18.87	22.07	22.99	W
November	11.47	14.03	15.82	18.78	21.27	21.10	W
December	10.84	11.64	13.50	16.79	18.63	18.32	W
1991 Average	11.91	13.72	16.33	17.67	20.15	19.69	20.85
1992							
January	9.20	11.12	14.14	16.15	17.83	18.11	W
February	9.35	11.10	14.02	16.26	18.05	17.82	W
March	9.51	11.70	15.02	16.69	17.79	17.85	W
April	10.21	13.26	16.74	18.34	19.04	18.22	19.43
May	11.30	14.73	17.81	19.12	19.85	20.32	20.23
June	13.09	15.69	18.58	19.71	20.97	21.76	W
July	12.13	15.49	18.34	19.32	20.42	20.83	20.93
August	12.95	15.28	17.94	18.58	20.00	20.02	21.46
September	13.53	15.55	18.05	18.56	20.46	20.61	W
October	13.48	15.46	17.75	18.74	20.46	20.30	W
November	12.51	13.74	15.84	17.41	19.28	19.82	20.41
December	12.58	12.87	15.24	16.76	18.28	18.46	18.99
1992 Average	11.83	13.96	16.74	18.02	19.50	19.58	20.05
1993							
January	11.69	12.53	15.42	16.22	17.71	17.57	W
February	12.19	13.21	16.72	17.01	18.68	18.87	18.83
March	12.81	13.71	17.11	17.45	18.77	19.71	20.50
April	12.60	13.90	16.78	17.38	18.82	18.92	W
May	12.23	13.66	16.72	17.06	18.41	19.06	19.50
June	11.23	12.37	15.81	16.13	17.55	W	W

* FOB = Free on Board. See Glossary.

W = Withheld to avoid disclosure of individual company data.

Note: Values for the current 2 months are preliminary. Values shown for previous months are revised. Data are final upon publication in the Petroleum Marketing Annual.

Note: Prices through 1980 reflect the month of reporting; prices since then reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail.

Sources: January 1978 through December 1978: Form FEA-F701-M-0, "Transfer Pricing Report"; January 1979 through September 1982: Form ERA-51, "Transfer Pricing Report"; October 1982 through June 1984: Form EP-51, "Monthly Foreign Crude Oil Transaction Report"; July 1984 to present: Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report."

Table 24. Landed Costs of Imported Crude Oil by API Gravity
(Dollars per Barrel)

Year Month	20.0° or Less	20.1° to 25.0°	25.1° to 30.0°	30.1° to 35.0°	35.1° to 40.0°	40.1° to 45.0°	45.1° or Greater
1978 Average	12.75	13.11	13.78	14.10	14.89	14.87	15.18
1979 Average	15.57	20.05	20.88	21.01	22.81	23.08	21.23
1980 Average	24.54	28.65	31.83	31.73	35.81	36.85	37.57
1981 Average	27.94	32.00	34.86	35.71	38.36	39.78	39.97
1982 Average	24.17	26.46	32.62	34.78	35.43	35.78	35.81
1983 Average	23.17	24.95	28.82	30.25	30.96	31.28	31.27
1984 Average	25.08	25.97	28.38	29.58	30.18	30.18	29.05
1985 Average	24.33	24.65	26.17	27.10	28.29	28.39	27.73
1986 Average	11.30	11.49	13.28	13.69	14.99	14.80	15.37
1987 Average	16.14	15.87	17.21	18.18	18.72	18.89	18.57
1988 Average	12.75	12.11	13.54	14.35	15.21	15.74	16.24
1989 Average	14.90	15.42	17.59	17.87	18.74	19.05	19.13
1990 Average	16.82	18.54	21.59	21.18	22.47	23.47	23.41
1991							
January	16.53	17.71	20.62	20.72	24.77	24.34	26.63
February	12.87	12.96	16.23	17.76	20.92	21.07	22.28
March	13.31	12.69	16.94	17.69	19.95	20.24	20.63
April	12.87	13.76	17.56	18.24	20.00	20.37	21.04
May	12.26	14.08	16.76	18.30	20.22	20.82	21.36
June	11.80	13.77	16.60	18.01	19.59	19.65	20.69
July	13.42	14.38	17.15	18.51	20.39	20.57	21.60
August	12.71	14.84	17.69	18.99	20.89	20.55	21.77
September	13.10	15.20	17.91	19.25	21.44	W	22.32
October	13.63	15.87	17.85	19.71	22.33	23.27	24.07
November	12.54	14.73	16.31	19.18	21.84	21.98	23.21
December	11.62	12.29	14.25	17.38	19.31	19.28	19.95
1991 Average	13.06	14.41	17.17	18.65	20.66	20.68	22.15
1992							
January	10.13	11.75	14.82	16.34	18.19	18.94	20.61
February	10.41	11.89	14.72	16.66	18.38	18.55	20.03
March	10.63	12.54	15.64	17.03	18.41	18.98	19.56
April	11.27	13.81	17.40	18.45	19.26	20.28	20.31
May	12.38	15.31	18.21	19.26	20.33	20.90	21.17
June	13.94	16.31	19.33	20.28	21.48	22.43	22.19
July	13.46	16.18	19.00	19.81	21.19	21.87	21.93
August	13.95	15.92	18.49	19.37	20.82	21.33	21.71
September	14.43	16.13	18.66	19.40	21.12	21.34	22.68
October	14.63	16.11	18.65	19.31	21.10	21.10	21.94
November	13.45	14.32	16.86	18.03	20.16	20.41	20.58
December	13.48	13.47	16.06	17.50	18.74	19.41	19.57
1992 Average	12.89	14.58	17.39	18.50	20.11	20.55	20.95
1993							
January	13.07	13.09	16.19	17.13	18.49	18.50	19.00
February	13.25	13.79	17.04	17.93	19.22	19.49	19.84
March	13.94	14.48	17.55	18.17	19.60	20.41	21.29
April	13.86	14.72	17.54	18.22	19.64	20.22	20.29
May	13.44	14.56	17.50	17.90	19.26	19.86	20.64
June	12.45	13.13	16.56	16.87	18.54	19.47	19.44

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Sources: January 1978 through December 1978: Form FEA-F701-M-0, "Transfer Pricing Report"; January 1979 through September 1982: Form ERA-51, "Transfer Pricing Report"; October 1982 through June 1984: Form EP-51, "Monthly Foreign Crude Oil Transaction Report"; July 1984 to present: Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report."

Table 25. Percentages of Total Imported Crude Oil by API Gravity
(Percent by Interval)

Year Month	20.0° or Less	20.1° to 25.0°	25.1° to 30.0°	30.1° to 35.0°	35.1° to 40.0°	40.1° to 45.0°	45.1° or Greater
1978 Average	1.26	3.57	7.93	38.79	31.66	13.48	3.31
1979 Average	1.85	3.96	8.45	38.98	30.64	13.36	2.96
1980 Average	1.70	6.18	9.25	38.43	27.02	13.56	3.85
1981 Average	2.19	8.88	9.46	37.37	26.60	12.53	2.98
1982 Average	3.39	14.90	11.72	35.58	23.76	8.44	2.20
1983 Average	3.91	20.40	15.14	24.95	23.63	7.74	4.23
1984 Average	6.48	20.62	11.59	21.05	25.75	8.12	6.48
1985 Average	7.62	20.46	11.19	27.14	24.93	4.02	4.65
1986 Average	5.54	19.36	14.12	27.49	25.74	3.65	4.11
1987 Average	4.04	19.68	16.88	26.91	24.79	3.87	3.85
1988 Average	3.52	18.27	15.99	30.72	24.45	4.04	3.02
1989 Average	2.55	14.39	16.80	36.27	23.79	3.55	2.64
1990 Average	3.64	14.96	18.13	34.44	23.21	2.94	2.67
1991							
January	3.84	17.38	20.93	37.72	16.23	1.83	2.06
February	3.89	15.39	21.06	36.29	20.70	1.78	.89
March	4.00	16.30	20.03	33.13	23.43	.64	2.46
April	3.27	13.94	19.39	37.96	22.34	.78	2.32
May	2.90	14.93	17.47	35.29	26.35	1.18	1.87
June	4.19	15.90	21.57	34.93	18.37	3.76	1.27
July	4.56	14.80	21.74	34.93	20.99	2.04	.94
August	4.44	16.09	21.76	34.40	20.32	1.99	.99
September	3.08	17.65	20.76	33.33	22.85	W	1.73
October	4.19	18.06	22.35	30.60	22.02	1.59	1.18
November	3.21	15.64	21.30	36.55	17.15	4.33	1.82
December	3.45	16.38	21.21	32.98	19.99	4.92	1.06
1991 Average	3.76	16.02	20.79	34.84	20.94	2.11	1.55
1992							
January	3.58	18.58	26.18	32.19	15.42	2.69	1.36
February	3.04	18.68	20.73	35.10	18.44	2.38	1.66
March	4.64	17.43	24.55	27.87	20.14	4.50	.87
April	2.90	18.47	21.30	33.55	19.48	3.27	1.02
May	4.24	17.87	19.27	32.27	20.63	4.46	1.07
June	4.91	17.09	22.36	28.15	23.37	3.14	.98
July	4.25	17.81	21.24	29.43	22.65	3.03	1.39
August	4.09	18.15	21.36	30.46	21.68	3.24	1.02
September	3.81	17.54	25.29	27.81	22.36	2.43	.76
October	4.83	17.46	23.20	33.36	18.60	2.18	.37
November	3.85	15.65	20.05	32.64	24.33	2.49	1.00
December	4.12	17.08	23.71	34.71	17.13	2.03	1.22
1992 Average	4.05	17.64	22.41	31.38	20.49	3.00	1.04
1993							
January	4.61	18.53	22.47	27.85	24.49	1.50	.46
February	4.20	18.14	19.51	35.41	17.94	3.57	1.23
March	4.98	18.66	20.35	28.63	23.43	2.50	1.46
April	3.89	19.25	19.05	34.08	20.21	2.46	1.06
May	4.16	18.25	20.31	29.31	23.00	3.50	1.48
June	4.61	19.23	19.51	31.39	23.16	.77	1.33

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Table 26. FOB^a Costs of Imported Crude Oil for Selected Crude Streams
(Dollars per Barrel)

Year Quarter Month	Algerian Condensate	Angolan Cabinda	Canadian Lloydminster	Cameroon Kole Marine	Ecuadorian Oriente	Mexican Isthmus	Mexican Mayan
1978 Average	W	13.32	-	W	12.87	13.24	-
1979 Average	W	20.35	-	W	27.59	20.29	21.50
1980 Average	35.81	33.24	W	35.92	34.51	32.78	28.73
1981 Average	38.38	35.55	W	37.51	32.66	36.23	30.82
1982 Average	32.58	31.86	W	33.73	32.36	32.50	25.29
1983 Average	29.86	28.14	24.54	29.03	28.22	29.41	23.89
1984 Average	27.77	27.58	24.70	28.56	28.16	29.00	25.35
1985 Average	26.57	26.30	23.79	26.86	26.12	27.25	24.23
1986 Average	13.25	13.39	12.77	13.64	13.32	13.88	10.93
1987 Average	16.66	17.31	15.12	W	16.53	17.94	15.72
1988 Average	W	14.52	11.28	14.28	12.96	14.23	11.28
1989 Average	W	17.15	W	17.46	16.26	W	14.71
1990 Average	W	W	18.50	W	W	23.39	17.29
1991 Average	W	W	13.51	W	16.04	18.55	13.02
1992							
January	W	-	W	-	W	15.58	9.93
February	W	-	W	-	14.69	15.86	10.04
March	-	W	W	W	-	15.91	10.60
1st Quarter Average	W	W	W	W	14.43	15.80	10.21
April	W	W	W	-	-	17.66	12.28
May	W	W	W	-	W	19.23	14.20
June	W	19.63	W	-	W	20.19	15.22
2nd Quarter Average	W	18.74	W	-	W	19.01	13.89
July	W	19.41	W	W	W	19.48	15.35
August	W	W	W	-	W	19.03	14.98
September	-	19.18	W	-	W	19.64	15.18
3rd Quarter Average	W	19.01	W	W	18.28	19.32	15.17
October	-	19.01	W	-	W	19.35	15.35
November	-	18.13	W	-	W	18.22	14.08
December	W	17.47	W	-	W	17.29	12.62
4th Quarter Average	W	18.10	W	-	W	18.18	14.06
1992 Average	W	18.46	W	W	17.60	17.92	13.42
1993							
January	-	16.83	W	-	W	16.27	12.31
February	-	W	W	-	W	17.64	12.95
March	W	W	W	-	W	17.82	13.32
1st Quarter Average	W	17.03	W	-	W	17.18	12.87
April	-	W	W	-	W	17.85	13.60
May	-	17.70	W	W	W	17.70	13.18
June	-	16.73	13.39	W	W	17.11	11.95
2nd Quarter Average	-	17.22	W	W	W	17.55	12.92

See footnotes at end of table.

Table 26. FOB^a Costs of Imported Crude Oil for Selected Crude Streams (Continued)
(Dollars per Barrel)

Year Quarter Month	Nigerian Brass River	Nigerian Bonny Light	Norwegian Ekofisk	Saudi Arabian Light	Saudi Arabian Heavy	United Kingdom Brent	Venezuelan Boscan
1978 Average	14.17	14.11	13.91	12.74	12.07	-	W
1979 Average	21.89	25.68	21.36	17.33	15.83	21.92	W
1980 Average	35.57	37.71	35.86	27.79	26.14	33.13	18.56
1981 Average	38.64	38.19	37.72	32.62	31.42	36.22	W
1982 Average	35.18	35.58	34.04	34.08	31.10	33.55	19.00
1983 Average	30.31	30.07	29.73	29.22	26.30	30.30	19.31
1984 Average	29.82	29.67	29.17	29.11	26.52	29.25	22.24
1985 Average	28.23	W	W	23.70	W	27.88	21.94
1986 Average	14.07	14.02	16.23	11.79	11.00	14.07	9.44
1987 Average	18.32	18.45	18.25	14.46	14.85	18.37	15.75
1988 Average	15.39	15.33	14.58	12.98	11.68	14.40	12.28
1989 Average	18.42	18.58	17.80	18.28	W	18.38	12.27
1990 Average	23.47	22.67	W	21.72	19.13	29.33	12.15
1991 Average	21.10	20.46	20.39	16.83	13.25	22.17	8.49
1992							
January	-	18.49	W	W	W	-	W
February	W	W	-	16.38	W	-	W
March	W	18.33	W	W	W	W	W
1st Quarter Average	W	18.42	W	16.20	W	W	5.42
April	W	19.75	W	W	W	W	W
May	W	20.55	W	W	16.46	W	8.15
June	W	21.55	-	W	W	W	W
2nd Quarter Average	W	20.51	W	W	16.36	W	8.38
July	W	20.95	W	W	16.67	W	8.70
August	W	20.43	W	W	W	W	W
September	W	20.87	-	W	W	W	8.79
3rd Quarter Average	W	20.76	W	W	16.16	W	8.61
October	W	20.82	W	W	W	W	W
November	W	20.06	W	W	W	19.92	W
December	W	18.53	W	W	14.38	W	-
4th Quarter Average	W	20.06	W	W	13.88	19.55	9.37
1992 Average	20.26	20.10	19.62	17.34	14.76	19.74	8.25
1993							
January	17.65	17.92	-	16.16	14.26	W	W
February	W	19.14	W	W	W	18.13	W
March	W	19.42	W	W	W	18.51	-
1st Quarter Average	19.14	18.64	19.22	16.55	14.73	18.40	W
April	19.34	19.27	-	W	W	W	-
May	W	W	W	W	15.03	W	W
June	-	18.09	-	-	W	-	8.96
2nd Quarter Average	19.38	18.88	W	16.64	14.29	18.64	9.51

^a FOB = Free on Board. See Glossary.

Dashes (-) = No data reported.

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Note: Prices through 1980 reflect the month of reporting; prices since then reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail.

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Table 27. Landed Costs of Imported Crude Oil for Selected Crude Streams
(Dollars per Barrel)

Year Quarter Month	Algerian Condensate	Angolan Cabinda	Canadian Lloydminster	Cameroon Kole Marine	Ecuadorian Oriente	Mexican Isthmus	Mexican Mayan
1978 Average	W	14.07	-	W	13.85	13.54	-
1979 Average	W	21.51	-	25.40	29.17	20.78	22.23
1980 Average	37.73	34.88	W	37.89	34.61	33.42	29.49
1981 Average	40.03	36.84	W	38.95	33.56	36.87	31.52
1982 Average	33.71	33.08	W	34.95	32.97	33.11	25.86
1983 Average	30.79	29.31	25.27	30.28	28.90	30.00	24.58
1984 Average	28.59	28.63	25.35	29.51	28.79	29.46	25.84
1985 Average	27.21	27.48	24.38	27.94	26.97	27.60	24.57
1986 Average	14.54	14.27	13.52	13.71	14.39	14.28	11.24
1987 Average	17.72	18.43	15.98	18.63	17.60	18.32	16.03
1988 Average	W	14.96	12.21	15.21	13.77	14.69	11.65
1989 Average	W	18.15	15.38	18.71	17.69	W	15.14
1990 Average	W	20.01	19.55	19.76	21.63	23.79	17.75
1991 Average	W	18.31	14.63	W	17.52	19.16	13.62
1992							
January	W	W	W	-	W	16.13	10.39
February	W	W	W	-	15.53	16.35	10.49
March	-	W	W	W	W	16.50	11.11
1st Quarter Average	W	17.91	W	W	15.50	16.33	10.68
April	W	W	W	-	W	18.09	12.63
May	W	19.07	W	-	18.26	19.46	14.61
June	W	20.21	W	-	20.27	20.61	15.61
2nd Quarter Average	W	19.25	W	-	19.12	19.38	14.28
July	W	20.38	W	W	W	19.89	15.70
August	W	19.70	W	-	19.19	19.49	15.35
September	-	20.03	W	-	19.11	20.13	15.55
3rd Quarter Average	W	20.04	W	W	19.24	19.77	15.53
October	-	20.10	W	-	W	19.85	15.77
November	-	19.75	W	-	18.36	18.62	14.49
December	W	18.43	W	-	W	17.81	13.00
4th Quarter Average	W	19.40	W	-	18.48	18.66	14.46
1992 Average	W	19.59	W	W	18.52	18.40	13.80
1993							
January	-	17.74	W	-	16.72	16.83	12.71
February	-	17.74	W	-	17.70	18.14	13.35
March	W	18.80	W	-	W	18.30	13.73
1st Quarter Average	W	18.05	W	-	17.23	17.69	13.28
April	-	18.71	W	-	W	18.48	14.07
May	-	18.60	W	W	18.27	18.39	13.69
June	-	17.81	14.54	W	W	17.71	12.48
2nd Quarter Average	-	18.44	W	W	17.73	18.21	13.42

See footnotes at end of table.

Table 27. Landed Costs of Imported Crude Oil for Selected Crude Streams (Continued)
(Dollars per Barrel)

Year Quarter Month	Nigerian Brass River	Nigerian Bonny Light	Norwegian Ekofisk	Saudi Arabian Light	Saudi Arabian Heavy	United Kingdom Brent	Venezuelan Boscan
1978 Average	14.97	15.04	14.88	14.04	13.32	-	W
1979 Average	23.19	27.11	22.64	19.18	17.68	23.26	W
1980 Average	37.02	38.58	36.81	29.57	28.16	34.57	20.34
1981 Average	40.01	39.25	38.70	34.32	33.02	37.58	W
1982 Average	36.26	36.45	34.70	35.65	32.64	34.53	20.32
1983 Average	31.44	31.06	30.79	30.95	28.12	31.26	20.69
1984 Average	30.71	30.46	29.99	30.61	28.10	29.89	23.20
1985 Average	29.14	28.98	28.16	25.35	23.69	28.49	22.85
1986 Average	14.89	15.00	15.07	13.06	12.17	14.64	10.42
1987 Average	19.39	19.26	18.96	17.88	16.20	18.71	16.65
1988 Average	16.06	16.02	15.45	14.04	12.80	15.94	13.23
1989 Average	19.34	19.38	18.67	17.96	16.56	18.83	13.16
1990 Average	24.29	23.21	21.53	22.49	21.46	24.40	13.43
1991 Average	22.27	21.57	21.66	18.49	15.28	21.65	10.17
1992							
January	-	19.29	W	16.18	13.66	W	W
February	W	19.19	-	16.76	14.16	W	W
March	19.35	19.22	W	17.50	15.14	18.93	W
1st Quarter Average	19.53	19.23	W	16.81	14.36	18.82	6.71
April	20.67	20.43	W	19.44	17.17	18.84	W
May	W	21.43	21.49	19.76	17.31	19.94	9.54
June	W	22.22	W	20.38	18.11	20.71	W
2nd Quarter Average	21.76	21.30	21.09	19.91	17.54	20.04	9.98
July	W	21.58	21.88	19.74	17.65	21.45	9.97
August	W	21.10	W	19.22	17.25	21.44	W
September	W	21.54	W	19.30	17.26	20.72	9.78
3rd Quarter Average	21.59	21.42	21.73	19.42	17.39	21.21	9.77
October	22.15	21.54	21.36	18.44	16.59	21.19	W
November	W	20.74	W	17.75	15.67	21.07	W
December	W	19.35	W	17.78	15.22	19.52	-
4th Quarter Average	21.45	20.82	20.71	17.98	15.76	20.78	11.11
1992 Average	21.25	20.85	20.96	18.54	16.10	20.68	9.65
1993							
January	19.09	18.80	-	17.52	15.07	19.05	W
February	19.98	20.07	W	18.27	15.77	19.28	W
March	20.61	20.18	20.02	18.42	16.34	19.43	-
1st Quarter Average	19.91	19.52	19.95	18.11	15.89	19.31	W
April	20.73	20.26	-	17.93	16.12	19.60	-
May	W	19.41	W	18.16	15.96	19.46	W
June	-	18.91	W	17.24	14.48	19.34	11.20
2nd Quarter Average	20.54	19.74	19.31	17.86	15.55	19.46	11.54

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Sales Prices of Petroleum Products

**Table 28. Refiner/Reseller Motor Gasoline Prices by Grade,
PAD District, and State**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Leaded Regular		Unleaded Regular		Unleaded Midgrade		Premium		Motor Gasoline Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
3. Average										
June 1993	80.3	70.4	75.0	63.3	82.6	70.0	90.9	76.0	78.7	66.4
May 1993	80.2	70.5	75.5	66.4	83.1	72.5	91.5	78.2	79.2	69.3
June 1992	86.7	77.7	80.5	71.4	87.5	77.1	95.8	83.5	84.0	74.3
D District I Average										
June 1993	75.4	73.3	72.4	62.5	82.2	69.6	90.6	78.4	77.8	66.9
May 1993	76.8	77.2	72.3	65.2	82.1	71.5	91.0	78.2	77.8	69.2
June 1992	82.7	78.2	77.8	70.4	87.1	76.5	95.8	83.8	83.0	74.4
Subdistrict IA Average										
June 1993	NA	NA	75.7	64.0	84.2	69.5	93.0	76.7	80.7	67.6
May 1993	W	W	75.1	65.0	83.6	70.8	92.5	78.4	80.0	68.6
June 1992	89.4	W	82.6	70.7	90.9	78.5	99.3	86.2	87.3	74.5
Connecticut										
June 1993	-	-	75.2	64.9	84.2	68.3	95.7	78.0	81.3	68.5
May 1993	-	-	75.5	64.2	84.2	69.9	95.6	79.3	81.4	68.2
June 1992	-	-	82.0	72.0	90.3	78.4	100.4	86.2	87.7	76.3
Maine										
June 1993	-	-	80.1	62.4	88.2	67.4	95.9	73.8	83.8	64.9
May 1993	-	-	78.4	62.9	86.3	67.1	93.7	74.6	82.0	65.2
June 1992	-	-	84.6	72.3	94.4	76.3	99.8	83.7	88.3	74.7
Massachusetts										
June 1993	-	-	73.7	63.8	83.4	71.0	91.8	76.1	79.3	67.6
May 1993	-	-	73.0	65.7	82.5	72.7	91.3	78.5	78.4	69.6
June 1992	W	-	81.3	69.1	90.2	79.4	98.7	86.8	86.4	72.7
New Hampshire										
June 1993	-	-	77.9	66.4	86.9	71.8	94.8	79.5	82.3	69.9
May 1993	-	-	77.1	67.7	86.5	72.9	93.9	80.9	81.5	71.1
June 1992	-	-	84.0	74.6	93.7	78.8	102.5	87.1	88.7	77.6
Rhode Island										
June 1993	NA	-	71.9	61.8	78.8	67.5	85.7	74.4	76.6	65.4
May 1993	W	-	72.8	64.1	79.8	69.3	86.8	76.1	77.5	67.6
June 1992	-	-	82.3	71.8	88.6	77.0	96.1	84.2	87.0	75.6
Vermont										
June 1993	NA	NA	80.1	70.0	87.1	76.0	94.9	83.8	83.8	73.6
May 1993	NA	W	79.1	70.3	86.4	76.7	94.8	83.5	82.9	73.8
June 1992	W	W	84.4	77.2	90.9	81.0	97.8	89.5	87.8	80.3
Subdistrict IB Average										
June 1993	76.4	73.3	71.2	62.5	79.9	70.3	88.3	77.1	76.2	67.2
May 1993	77.5	77.6	71.4	64.6	80.0	71.2	89.0	77.7	76.3	68.9
June 1992	81.9	82.7	78.1	70.2	87.2	77.1	95.4	84.3	83.2	74.8
Delaware										
June 1993	-	-	69.2	61.7	76.7	66.7	87.1	75.1	73.9	65.2
May 1993	-	-	70.1	63.4	78.3	68.0	88.0	75.6	75.3	66.7
June 1992	-	-	77.7	70.1	86.3	74.6	96.9	81.7	83.1	73.6
District of Columbia										
June 1993	-	-	65.1	69.1	71.9	75.1	76.3	83.1	68.9	76.8
May 1993	-	-	67.7	69.5	73.8	75.3	79.5	82.7	71.2	76.9
June 1992	-	-	72.7	73.8	80.4	79.5	86.7	87.2	77.9	81.0
Maryland										
June 1993	W	-	70.0	64.7	80.2	70.7	86.0	77.1	75.1	69.1
May 1993	-	-	70.4	66.1	80.3	72.4	86.2	78.1	75.4	70.5
June 1992	-	-	76.9	72.7	86.9	77.8	94.3	85.1	82.4	77.1
New Jersey										
June 1993	W	NA	73.3	61.0	86.2	70.4	94.2	76.7	81.1	66.2
May 1993	W	W	74.0	64.3	86.2	71.3	94.6	77.3	81.6	69.2
June 1992	W	W	79.9	68.8	90.8	79.0	97.9	83.2	87.2	73.8
New York										
June 1993	80.5	73.5	72.1	63.7	80.2	72.1	88.4	79.2	76.6	68.8
May 1993	80.5	77.2	72.3	64.7	80.5	72.4	89.6	79.3	76.8	69.4
June 1992	81.6	83.1	77.7	71.1	86.5	77.9	94.1	86.5	82.0	76.5
Pennsylvania										
June 1993	72.5	72.5	70.0	62.0	78.3	68.9	85.9	74.4	74.6	65.7
May 1993	74.7	W	69.8	64.0	78.0	69.7	86.1	75.9	74.3	67.4
June 1992	82.0	W	78.2	69.8	86.7	74.9	95.4	82.5	82.9	73.3

See footnotes at end of table.

**Table 28. Refiner/Reseller Motor Gasoline Prices by Grade,
PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Leaded Regular		Unleaded Regular		Unleaded Midgrade		Premium		Motor Gasoline Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Subdistrict IC Average										
June 1993	73.1	-	72.4	62.1	83.0	69.1	91.5	75.6	78.2	66.9
May 1993	76.4	-	72.4	65.7	82.8	71.9	91.8	78.6	78.2	69.7
June 1992	83.8	W	76.8	70.4	86.4	75.6	95.3	82.4	82.2	73.9
Florida										
June 1993	-	-	74.6	63.6	85.8	72.5	94.4	80.7	80.9	69.7
May 1993	-	-	74.0	67.0	85.3	74.0	93.8	82.3	80.4	72.3
June 1992	W	-	77.5	70.3	87.6	76.1	95.8	83.9	83.4	75.0
Georgia										
June 1993	74.8	-	70.9	61.0	80.7	67.1	89.7	73.4	76.6	64.7
May 1993	76.0	-	70.7	65.1	80.5	70.3	89.8	77.3	76.6	68.6
June 1992	W	-	75.6	70.2	85.3	75.1	94.5	81.6	81.2	73.4
North Carolina										
June 1993	W	-	70.4	61.4	80.0	67.2	89.2	72.1	75.5	64.4
May 1993	W	-	71.0	65.0	80.2	70.4	90.0	75.8	76.0	68.0
June 1992	W	-	75.6	70.2	84.5	75.3	94.2	81.3	80.5	73.2
South Carolina										
June 1993	-	-	68.6	60.1	80.5	65.3	89.9	71.0	75.3	62.9
May 1993	-	-	70.0	64.4	80.5	69.4	91.0	75.1	75.6	67.1
June 1992	-	-	76.3	70.7	86.1	74.7	95.7	80.8	80.9	73.1
Virginia										
June 1993	-	-	72.8	62.8	83.7	69.4	89.9	75.3	78.5	66.9
May 1993	-	-	72.9	66.1	83.9	72.5	91.9	77.9	78.9	70.1
June 1992	W	W	77.9	70.1	86.9	75.8	96.2	82.1	83.2	74.0
West Virginia										
June 1993	W	-	76.9	66.6	86.6	73.1	92.9	78.5	81.1	70.1
May 1993	W	-	77.5	69.3	86.1	75.0	93.4	81.7	81.4	72.6
June 1992	W	W	81.5	73.6	90.8	79.0	97.9	85.4	85.8	76.7
PAD District II Average										
June 1993	81.5	67.4	74.6	62.6	82.1	69.7	88.4	72.8	77.4	64.6
May 1993	83.8	70.6	76.1	66.5	83.5	73.1	89.9	76.9	78.9	68.5
June 1992	87.1	75.1	80.1	71.0	87.2	76.6	93.4	80.8	82.7	72.8
Illinois										
June 1993	84.0	66.2	73.7	62.3	81.3	71.3	88.9	74.7	76.9	65.3
May 1993	84.8	69.5	75.3	66.1	82.5	74.8	89.6	78.6	78.3	69.0
June 1992	80.1	77.4	79.7	70.3	86.9	75.1	94.2	79.7	82.8	72.5
Indiana										
June 1993	83.4	64.8	74.8	62.5	81.3	70.3	88.4	73.7	78.0	65.1
May 1993	85.9	68.9	76.5	66.2	83.3	73.8	90.2	77.2	79.7	68.7
June 1992	88.9	72.3	79.0	69.9	85.5	75.9	90.7	80.9	81.7	72.0
Iowa										
June 1993	77.9	71.3	73.7	62.5	78.8	69.0	81.7	71.1	74.6	63.3
May 1993	79.6	73.4	76.8	66.9	80.6	73.6	85.6	74.3	77.6	67.6
June 1992	85.1	73.6	81.6	71.4	85.7	76.4	91.4	80.3	82.4	72.3
Kansas										
June 1993	77.3	78.8	74.7	60.7	82.9	71.1	87.1	70.1	76.4	61.8
May 1993	78.9	82.0	75.5	64.8	84.2	72.0	88.6	75.5	77.2	66.1
June 1992	82.0	71.1	80.9	69.1	88.2	77.9	92.3	78.1	82.5	70.1
Kentucky										
June 1993	82.3	W	74.9	63.0	83.6	69.4	91.2	74.6	79.2	66.0
May 1993	82.8	W	75.7	67.5	84.5	73.0	92.1	78.5	80.0	70.3
June 1992	89.8	85.0	81.2	72.6	88.6	78.1	95.8	84.3	84.7	75.3
Michigan										
June 1993	85.2	67.6	74.7	63.5	83.1	70.1	88.4	74.1	77.6	65.8
May 1993	85.3	71.1	77.3	67.9	85.6	74.3	91.1	78.7	80.0	70.0
June 1992	89.7	76.4	78.3	71.8	86.2	77.0	93.1	82.6	81.2	73.9
Minnesota										
June 1993	82.2	67.6	79.0	65.1	84.1	70.7	91.3	73.9	81.1	66.3
May 1993	83.0	69.3	81.2	68.6	86.1	72.6	93.9	77.1	83.2	69.6
June 1992	87.6	76.0	85.2	73.9	92.6	80.6	93.9	82.3	86.8	75.0
Missouri										
June 1993	79.5	65.5	71.9	62.1	79.7	70.1	86.3	71.4	74.7	64.1
May 1993	80.7	69.3	72.9	65.9	80.7	72.3	87.5	75.5	75.7	67.7
June 1992	83.4	76.3	78.1	70.7	86.6	77.2	92.7	79.9	81.1	72.4

See footnotes at end of table.

**Table 28. Refiner/Reseller Motor Gasoline Prices by Grade,
PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Leaded Regular		Unleaded Regular		Unleaded Midgrade		Premium		Motor Gasoline Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Nebraska										
June 1993	77.7	63.9	77.1	63.0	84.1	70.9	85.5	72.0	78.5	63.8
May 1993	80.5	68.8	78.3	67.2	84.5	74.1	86.7	77.0	79.7	68.0
June 1992	82.1	74.6	79.6	72.0	87.0	79.4	92.5	80.3	81.5	72.8
North Dakota										
June 1993	88.0	68.2	85.3	65.6	91.1	77.9	93.1	69.9	86.0	66.3
May 1993	89.2	71.9	85.6	69.5	92.3	80.3	93.7	80.2	86.4	70.4
June 1992	90.7	75.9	85.6	74.6	92.2	82.0	93.1	84.3	86.5	75.3
Ohio										
June 1993	76.1	W	75.0	63.8	82.9	70.8	90.0	75.1	78.2	66.1
May 1993	80.5	W	76.7	67.8	84.8	74.4	91.7	79.0	80.0	70.0
June 1992	87.0	W	80.4	71.7	88.2	77.7	95.0	82.7	83.5	73.8
Oklahoma										
June 1993	75.1	63.0	70.5	60.2	77.7	64.6	82.1	66.2	72.6	61.0
May 1993	73.8	66.8	72.0	63.2	79.1	67.6	84.1	70.4	74.4	64.1
June 1992	79.2	71.5	76.1	68.2	81.7	74.1	87.0	76.0	78.2	69.3
South Dakota										
June 1993	87.0	70.5	81.1	66.1	84.9	74.4	90.9	77.1	82.2	67.2
May 1993	87.5	72.0	81.7	69.7	86.3	76.4	90.2	79.7	82.7	70.7
June 1992	95.3	82.2	89.0	75.7	87.9	77.5	100.6	85.5	89.9	76.5
Tennessee										
June 1993	W	-	71.7	60.6	81.3	66.8	89.3	72.2	76.8	64.1
May 1993	W	-	71.4	64.7	81.1	70.4	89.3	75.9	76.6	68.0
June 1992	W	W	76.6	69.9	86.0	75.7	94.1	81.1	81.6	73.1
Wisconsin										
June 1993	80.5	65.7	75.1	62.2	83.0	68.5	87.7	71.7	77.3	63.8
May 1993	83.5	70.3	76.7	66.4	84.5	72.3	89.4	75.7	78.8	68.0
June 1992	87.8	76.2	82.5	71.4	89.8	76.6	94.9	80.5	84.5	72.8
D District III Average										
June 1993	83.9	71.1	74.2	60.2	83.1	68.7	90.7	70.9	78.6	62.5
May 1993	85.5	73.5	74.6	63.9	83.3	70.4	90.8	73.8	78.9	66.3
June 1992	85.2	74.5	78.5	68.6	86.7	74.8	93.8	78.8	82.4	70.9
Alabama										
June 1993	W	-	73.8	60.7	83.1	66.7	91.7	72.6	79.0	64.1
May 1993	W	-	74.3	65.0	83.8	70.5	92.3	76.7	79.6	68.2
June 1992	W	-	79.2	70.5	86.9	76.1	95.7	82.3	83.3	73.5
Arkansas										
June 1993	W	W	71.7	59.7	80.4	64.9	86.4	69.0	75.1	61.8
May 1993	W	W	72.2	64.2	80.7	68.9	86.5	73.4	75.5	66.2
June 1992	78.2	73.3	76.3	68.9	83.9	73.2	91.4	78.4	79.5	70.9
Louisiana										
June 1993	79.0	-	73.0	60.0	83.0	67.0	90.2	72.1	78.6	63.5
May 1993	78.8	-	73.2	63.6	83.0	70.5	90.7	75.3	78.8	66.9
June 1992	83.7	-	76.9	68.4	85.4	74.0	91.1	79.6	81.3	71.5
Mississippi										
June 1993	W	-	72.0	58.8	80.9	65.3	89.0	70.2	76.5	61.3
May 1993	W	-	73.7	63.6	82.2	69.2	90.5	74.7	78.2	66.2
June 1992	W	-	77.8	68.6	85.1	74.4	92.7	76.5	81.6	70.9
New Mexico										
June 1993	86.7	72.6	85.3	71.5	91.6	76.2	95.4	80.9	86.7	72.7
May 1993	88.9	74.7	87.5	74.2	93.8	80.3	96.9	83.4	88.8	75.3
June 1992	86.5	75.5	86.1	74.1	93.4	77.9	98.0	83.3	87.5	75.3
Texas										
June 1993	81.0	68.1	74.1	59.7	83.7	66.9	91.1	70.3	78.5	61.8
May 1993	81.8	71.1	74.1	63.3	83.5	70.4	90.8	72.5	78.4	65.4
June 1992	83.0	72.4	78.3	68.0	87.3	74.9	94.2	78.2	82.5	70.1
AD District IV Average										
June 1993	81.2	70.0	79.3	68.2	86.6	72.4	92.0	76.6	81.9	69.8
May 1993	80.6	69.8	80.3	69.0	88.5	74.3	92.1	77.1	82.6	70.5
June 1992	80.6	80.5	88.4	79.6	94.0	83.8	100.0	87.1	90.6	80.9
Colorado										
June 1993	85.0	68.2	79.7	65.6	88.5	71.3	96.7	74.6	83.2	67.3
May 1993	86.8	71.6	82.9	68.7	91.1	74.8	99.7	77.5	86.1	70.4
June 1992	93.4	81.4	89.3	79.4	96.0	84.1	103.5	86.9	92.2	81.0

See footnotes at end of table.

**Table 28. Refiner/Reseller Motor Gasoline Prices by Grade,
PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Leaded Regular		Unleaded Regular		Unleaded Midgrade		Premium		Motor Gasoline Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Idaho										
June 1993	77.0	69.8	76.3	69.6	NA	NA	85.4	77.5	77.5	70.7
May 1993	75.8	69.4	75.4	69.4	85.0	W	84.1	77.1	76.5	70.2
June 1992	87.2	79.8	86.6	79.7	91.9	W	97.0	87.9	87.5	80.5
Montana										
June 1993	84.5	72.5	84.3	72.6	W	W	93.7	80.9	85.4	73.8
May 1993	82.6	70.5	82.5	70.5	W	-	90.3	78.6	83.8	71.6
June 1992	92.5	83.5	91.5	82.2	W	-	99.5	89.6	92.8	83.4
Utah										
June 1993	78.8	67.5	76.4	67.4	80.5	73.4	87.0	75.4	79.0	69.2
May 1993	79.0	67.8	75.6	67.8	81.0	73.5	86.0	75.7	78.4	69.5
June 1992	86.3	76.4	83.7	76.9	87.4	82.8	93.0	84.7	85.9	78.3
Wyoming										
June 1993	84.3	70.1	84.1	69.6	84.5	W	94.4	77.8	85.3	70.9
May 1993	83.1	71.0	83.9	70.6	86.5	W	93.1	78.0	84.5	71.7
June 1992	93.5	82.9	93.4	81.7	W	84.6	102.3	89.2	94.5	82.9
PAD District V Average										
June 1993	78.8	70.8	80.9	69.9	84.3	76.2	97.4	84.3	83.5	73.2
May 1993	77.8	70.2	80.3	71.1	84.9	77.8	97.2	85.5	83.1	74.2
June 1992	85.1	77.2	87.4	75.7	91.4	82.6	102.5	90.0	89.9	78.9
Alaska										
June 1993	97.2	85.0	99.6	79.2	W	W	105.4	87.3	100.2	80.2
May 1993	92.7	83.4	98.0	78.2	W	W	106.9	86.7	98.6	79.2
June 1992	105.1	85.5	104.8	82.2	-	-	103.5	89.3	104.7	83.1
Arizona										
June 1993	80.0	73.3	83.4	74.0	88.4	76.8	98.9	85.6	85.1	75.7
May 1993	80.5	74.5	84.2	75.3	89.8	77.3	99.1	86.9	85.6	76.9
June 1992	83.7	77.6	87.1	78.9	90.2	83.5	101.9	91.4	88.5	80.5
California										
June 1993	W	77.8	77.8	68.8	83.5	75.9	95.0	83.6	81.5	72.6
May 1993	W	W	77.5	70.7	84.2	77.7	95.4	85.3	81.6	74.4
June 1992	W	71.9	85.6	74.7	91.1	82.4	101.6	89.3	89.2	78.4
Hawaii										
June 1993	-	-	101.8	92.8	104.7	99.2	117.6	108.3	106.3	98.2
May 1993	-	-	101.5	93.7	104.7	99.6	118.1	108.9	106.2	99.0
June 1992	-	-	95.4	87.5	104.4	96.1	111.2	103.4	100.8	93.7
Nevada										
June 1993	84.7	72.2	81.1	67.3	84.2	72.7	99.0	80.4	84.1	70.0
May 1993	84.1	69.6	80.6	68.5	83.1	72.2	98.0	81.1	83.4	70.7
June 1992	92.7	78.5	89.0	76.5	89.8	79.6	103.8	89.1	91.3	78.6
Oregon										
June 1993	81.5	70.8	85.4	72.3	W	-	100.6	86.4	86.0	73.7
May 1993	80.3	70.3	83.7	71.2	W	-	99.7	86.0	84.5	72.7
June 1992	88.1	77.2	92.4	77.7	W	W	107.7	91.8	92.9	79.0
Washington										
June 1993	74.8	69.0	80.1	70.1	NA	73.8	96.7	83.2	81.3	72.1
May 1993	72.9	67.7	77.1	68.8	85.2	74.8	93.8	82.0	78.6	70.7
June 1992	82.6	76.7	86.9	77.2	W	W	101.7	90.6	87.9	78.1

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

**Table 29. Refiner/Reseller Motor Gasoline Prices to End Users
by Grade, PAD District, and State**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Leaded Regular		Unleaded Regular		Unleaded Midgrade		Premium		Motor Gasoline Average	
	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users
U.S. Average										
June 1993	80.3	80.2	75.4	72.0	83.4	76.2	91.9	81.8	79.3	74.2
May 1993	79.9	81.3	75.7	73.8	83.8	78.0	92.3	83.8	79.7	76.0
June 1992	86.4	87.5	80.7	79.0	88.0	82.9	96.6	88.7	84.4	81.2
PAD District I Average										
June 1993	74.4	75.8	73.0	68.1	83.2	74.4	91.8	79.9	78.7	71.5
May 1993	75.6	77.4	72.7	69.7	82.9	75.5	92.1	81.7	78.4	73.1
June 1992	81.8	83.0	76.2	74.8	87.9	81.3	96.8	87.6	83.6	76.6
Subdistrict IA Average										
June 1993	-	NA	76.7	64.9	85.8	71.8	94.4	76.9	81.8	68.8
May 1993	-	W	76.0	66.4	85.1	72.8	93.9	78.2	81.1	69.9
June 1992	-	89.4	83.5	73.3	92.4	79.5	100.7	84.3	86.5	76.5
Connecticut										
June 1993	-	-	76.1	63.9	88.9	70.6	97.6	75.0	82.7	68.2
May 1993	-	-	76.5	65.8	86.7	71.0	97.7	75.6	82.8	69.2
June 1992	-	-	82.4	75.0	91.2	79.8	101.1	86.5	88.2	78.9
Maine										
June 1993	-	-	81.0	70.1	90.0	78.5	97.8	80.6	84.9	74.0
May 1993	-	-	79.3	70.8	87.7	77.6	96.0	81.8	83.0	74.5
June 1992	-	-	85.1	79.3	96.0	83.2	101.0	89.0	89.0	81.9
Massachusetts										
June 1993	-	-	75.0	61.6	85.0	69.2	93.5	74.6	80.7	65.7
May 1993	-	-	74.2	64.0	83.8	71.5	92.7	76.7	79.7	67.6
June 1992	-	W	83.0	70.0	92.2	78.4	100.8	81.6	88.2	73.7
New Hampshire										
June 1993	-	-	78.2	68.0	87.7	72.8	95.1	79.4	82.6	70.7
May 1993	-	-	77.5	68.7	87.4	72.3	94.3	78.7	82.0	69.2
June 1992	-	-	84.7	75.7	94.9	79.0	103.2	87.5	89.8	77.5
Rhode Island										
June 1993	-	NA	72.4	63.6	79.5	68.7	88.1	76.1	77.3	66.7
May 1993	-	W	73.2	66.3	80.4	70.8	87.0	77.9	78.0	69.1
June 1992	-	-	82.9	70.4	89.5	74.2	96.6	83.1	87.6	73.8
Vermont										
June 1993	-	NA	81.3	73.5	89.6	77.9	97.0	86.0	85.2	76.9
May 1993	-	NA	80.0	73.7	88.6	78.9	96.3	86.5	84.0	77.0
June 1992	-	W	85.9	77.9	93.4	82.6	100.1	86.4	89.7	80.2
Subdistrict IB Average										
June 1993	74.3	77.3	71.6	67.9	81.2	74.0	89.6	79.6	77.1	71.3
May 1993	75.4	78.2	71.7	69.3	81.0	75.1	90.2	80.8	77.0	72.6
June 1992	W	82.2	78.7	74.6	88.5	81.1	96.8	87.7	84.0	78.6
Delaware										
June 1993	-	-	69.8	65.7	77.5	73.3	88.2	80.2	74.6	70.0
May 1993	-	-	70.8	66.6	78.0	75.3	89.0	81.1	76.1	70.9
June 1992	-	-	78.6	70.9	87.3	80.8	97.7	88.2	84.0	76.1
District of Columbia										
June 1993	-	-	W	63.1	W	68.5	W	70.7	W	65.1
May 1993	-	-	W	66.0	W	68.6	W	74.3	W	68.2
June 1992	-	-	W	69.3	W	73.1	W	81.6	W	73.7
Maryland										
June 1993	-	W	71.5	68.4	81.9	76.0	87.6	80.5	76.9	70.6
May 1993	-	-	71.5	68.0	81.9	76.4	88.1	80.7	77.1	71.6
June 1992	-	-	78.2	72.8	89.5	80.9	96.6	86.9	84.1	77.3
New Jersey										
June 1993	-	W	74.7	64.8	88.8	72.1	96.9	76.1	83.1	69.0
May 1993	-	W	75.1	66.8	88.3	72.6	96.8	78.9	83.2	70.9
June 1992	-	W	81.9	72.7	93.1	78.9	100.9	85.1	89.1	78.0
New York										
June 1993	82.8	80.1	72.8	67.1	82.5	70.0	89.9	75.7	77.7	69.3
May 1993	81.6	80.3	72.8	68.4	82.2	72.8	91.3	77.7	77.6	71.1
June 1992	W	82.3	78.2	74.6	87.8	79.8	95.2	85.6	82.8	77.4
Pennsylvania										
June 1993	W	73.4	69.9	70.7	78.5	76.9	86.1	84.8	74.6	74.5
May 1993	W	75.4	69.5	71.9	78.2	77.1	86.1	85.7	74.2	75.3
June 1992	-	82.0	78.5	76.5	87.3	83.2	95.9	92.6	83.2	80.9

See footnotes at end of table.

**Table 29. Refiner/Reseller Motor Gasoline Prices to End Users
by Grade, PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Leaded Regular		Unleaded Regular		Unleaded Midgrade		Premium		Motor Gasoline Average	
	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users
Subdistrict IC Average										
June 1993	74.8	W	72.8	68.7	83.7	75.5	92.5	80.8	78.8	72.2
May 1993	76.0	W	72.5	70.7	83.4	76.4	92.7	83.1	78.6	74.1
June 1992	W	86.5	77.0	75.3	86.8	81.8	96.0	88.0	82.5	79.1
Florida										
June 1993	-	-	74.9	71.0	86.9	75.5	95.7	80.5	81.5	73.9
May 1993	-	-	74.1	72.5	86.1	76.2	94.7	81.4	80.9	74.9
June 1992	W	-	77.7	74.9	88.4	80.0	96.6	85.9	83.8	78.9
Georgia										
June 1993	74.8	-	71.0	69.8	81.2	74.9	90.5	82.8	77.0	73.2
May 1993	76.0	-	70.7	71.4	80.7	78.4	90.4	85.9	76.7	75.9
June 1992	W	-	75.6	75.5	85.5	82.4	94.9	89.0	81.3	79.4
North Carolina										
June 1993	-	W	71.0	65.9	80.6	71.9	90.5	77.8	76.3	68.6
May 1993	-	W	71.4	68.5	81.1	72.1	91.1	81.8	76.7	71.2
June 1992	W	-	75.8	73.9	84.7	82.6	94.6	87.5	80.9	76.9
South Carolina										
June 1993	-	-	70.0	65.8	81.2	70.3	91.0	79.4	75.9	68.8
May 1993	-	-	70.0	69.9	80.9	75.0	91.9	81.6	75.9	72.6
June 1992	-	-	76.4	75.3	86.6	81.2	96.3	87.3	81.0	76.8
Virginia										
June 1993	-	-	73.3	68.0	84.2	79.6	90.7	81.2	79.2	72.7
May 1993	-	-	73.2	70.3	84.4	79.0	92.8	82.8	79.4	74.2
June 1992	-	W	78.1	76.4	87.4	83.9	97.0	90.6	83.6	80.7
West Virginia										
June 1993	-	W	77.6	71.7	87.5	77.4	94.2	84.2	81.8	75.0
May 1993	-	W	78.1	72.8	87.1	77.5	94.6	85.7	82.1	76.0
June 1992	-	W	81.9	78.3	91.7	82.8	99.2	90.9	86.3	81.7
PAD District II Average										
June 1993	82.5	80.8	74.8	72.6	82.6	78.1	89.1	80.7	77.7	74.5
May 1993	83.8	83.9	76.3	74.9	83.9	80.5	90.5	83.0	79.1	76.8
June 1992	86.8	87.4	80.2	79.5	87.4	85.3	93.8	88.6	82.9	81.4
Illinois										
June 1993	83.3	85.4	73.8	72.3	81.7	78.3	89.5	81.2	77.1	74.7
May 1993	84.2	85.5	75.2	75.9	82.8	80.7	90.0	84.0	78.4	77.7
June 1992	85.6	77.9	79.6	80.2	87.2	85.3	95.0	88.4	82.9	82.3
Indiana										
June 1993	82.3	83.9	75.5	69.5	82.3	75.6	88.9	82.8	78.6	73.5
May 1993	86.6	85.7	76.8	73.7	84.1	78.9	90.9	84.4	80.1	77.5
June 1992	89.6	88.7	79.3	76.2	86.0	82.1	90.8	89.8	81.8	80.5
Iowa										
June 1993	77.9	78.0	73.5	75.0	78.8	79.4	81.6	82.7	74.4	75.7
May 1993	79.4	79.7	76.6	77.9	80.5	82.0	85.5	86.3	77.5	78.5
June 1992	86.1	84.2	81.4	82.3	85.5	87.4	91.4	91.4	82.4	82.8
Kansas										
June 1993	77.3	-	74.8	73.9	83.0	78.0	87.6	78.1	76.6	74.3
May 1993	78.9	-	75.4	76.0	84.3	77.9	89.3	79.2	77.3	76.2
June 1992	84.2	81.6	80.9	80.4	88.2	88.5	92.8	84.2	82.7	81.1
Kentucky										
June 1993	W	W	75.8	69.2	84.7	75.6	92.4	83.0	80.2	72.8
May 1993	W	W	76.3	71.5	85.6	77.6	93.2	84.7	80.7	75.0
June 1992	W	W	81.7	75.8	89.3	83.6	96.5	89.4	85.3	79.4
Michigan										
June 1993	87.2	83.8	75.1	70.7	83.5	78.3	89.1	79.3	78.0	72.9
May 1993	87.0	84.1	77.7	72.5	85.9	79.6	92.0	79.3	80.5	74.5
June 1992	89.6	89.8	78.3	78.8	86.2	85.8	93.5	88.7	81.2	81.5
Minnesota										
June 1993	83.3	80.1	79.4	76.6	85.8	80.9	91.6	85.2	81.5	78.3
May 1993	83.8	81.6	81.6	78.1	86.7	84.3	94.3	86.1	83.8	79.9
June 1992	87.9	87.0	85.5	82.5	93.8	87.9	94.0	90.2	87.1	84.0
Missouri										
June 1993	80.4	78.2	71.9	72.1	80.2	74.3	86.8	79.5	74.9	73.0
May 1993	80.1	81.7	72.8	73.9	80.9	79.3	87.8	81.2	75.7	75.3
June 1992	83.0	86.1	77.8	80.6	86.3	89.4	92.6	94.8	80.9	82.8

See footnotes at end of table.

**Table 29. Refiner/Reseller Motor Gasoline Prices to End Users
by Grade, PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Leaded Regular		Unleaded Regular		Unleaded Midgrade		Premium		Motor Gasoline Average	
	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users
Nebraska										
June 1993	81.4	76.9	77.8	74.5	84.9	79.9	86.1	78.4	79.3	75.5
May 1993	82.2	77.1	78.7	76.1	85.3	79.6	87.4	80.6	80.3	76.7
June 1992	83.3	79.5	80.8	73.4	87.1	W	92.5	W	82.5	76.2
North Dakota										
June 1993	89.0	86.7	86.3	83.4	92.3	80.2	94.0	90.9	87.1	83.9
May 1993	89.9	88.8	86.3	84.0	93.0	86.6	94.9	89.6	87.2	84.7
June 1992	91.1	90.2	86.1	84.8	93.9	91.1	92.7	94.5	86.9	85.7
Ohio										
June 1993	73.8	NA	75.4	71.2	83.4	79.5	90.9	79.5	78.7	73.9
May 1993	79.5	81.7	77.0	73.1	85.2	82.0	92.4	84.3	80.3	76.9
June 1992	85.1	88.9	80.7	77.5	88.5	84.8	95.7	86.9	83.8	80.0
Oklahoma										
June 1993	75.1	-	70.9	66.2	77.9	68.4	82.9	71.4	73.3	67.0
May 1993	73.8	-	72.3	68.2	79.2	71.8	84.6	74.1	74.7	69.0
June 1992	79.3	W	76.4	73.3	82.1	71.5	87.5	78.2	78.5	73.8
South Dakota										
June 1993	87.6	80.6	81.6	78.5	84.5	86.7	93.7	87.0	82.5	80.0
May 1993	87.8	84.6	82.1	79.1	86.1	87.1	94.1	84.5	83.2	80.7
June 1992	95.3	95.3	89.5	87.1	86.6	95.7	101.2	99.3	90.2	89.0
Tennessee										
June 1993	W	-	72.2	64.7	82.0	70.2	90.4	74.0	77.5	67.5
May 1993	W	-	71.7	68.4	81.5	73.1	90.1	77.7	77.0	70.8
June 1992	W	-	76.8	73.6	86.3	80.7	94.7	85.7	81.9	76.9
Wisconsin										
June 1993	81.2	80.2	75.1	75.1	82.9	85.3	87.9	85.7	77.4	76.7
May 1993	83.1	83.7	76.7	76.5	84.4	85.0	89.4	89.1	78.9	78.4
June 1992	87.3	86.2	82.8	81.2	90.3	86.9	95.4	88.0	84.9	82.5
PAD District III Average										
June 1993	83.9	83.9	74.7	69.6	83.8	73.6	91.9	78.4	79.3	71.6
May 1993	85.7	83.3	75.0	71.6	83.8	76.0	91.8	81.2	79.4	73.8
June 1992	85.3	84.6	78.7	76.7	87.3	80.2	94.8	85.2	82.9	78.7
Alabama										
June 1993	W	-	74.7	66.6	83.8	76.2	93.4	78.9	80.0	70.7
May 1993	W	-	75.0	69.7	84.3	79.3	94.0	81.7	80.5	73.6
June 1992	W	-	79.4	77.7	87.6	81.5	96.8	89.3	83.6	81.0
Arkansas										
June 1993	W	-	73.2	65.4	82.5	69.4	90.5	74.2	76.9	67.6
May 1993	W	-	73.2	67.3	82.6	70.5	90.2	75.9	76.8	69.4
June 1992	78.9	W	76.2	77.0	84.2	81.1	92.0	87.4	79.5	79.1
Louisiana										
June 1993	79.0	-	73.6	68.0	83.6	75.2	91.6	80.2	79.3	72.1
May 1993	78.8	-	73.5	70.3	83.4	78.9	91.6	84.6	79.3	75.1
June 1992	W	W	76.9	76.3	85.6	82.2	92.3	83.8	81.5	79.0
Mississippi										
June 1993	W	-	72.4	68.2	81.6	72.7	90.2	78.7	77.2	70.7
May 1993	W	-	73.8	72.8	82.8	75.0	91.3	83.1	78.5	75.0
June 1992	W	-	77.8	77.8	85.5	81.6	93.6	87.8	81.8	80.1
New Mexico										
June 1993	86.7	86.6	86.1	79.4	92.9	85.4	96.4	89.2	87.3	81.6
May 1993	89.3	84.7	86.3	80.2	95.5	85.5	98.2	89.7	88.5	82.2
June 1992	88.9	85.1	86.9	81.7	93.8	89.1	99.2	91.0	88.2	83.3
Texas										
June 1993	81.1	80.5	74.4	71.4	84.1	72.8	91.8	77.6	79.0	72.3
May 1993	81.7	82.3	74.3	72.7	83.9	74.5	91.3	79.2	78.8	73.7
June 1992	83.1	79.4	78.6	75.7	88.0	79.2	95.2	82.8	83.1	77.2
PAD District IV Average										
June 1993	82.0	79.5	79.6	77.9	87.1	72.1	92.8	83.7	82.4	78.7
May 1993	81.1	79.3	80.7	77.9	89.0	73.9	93.1	85.8	83.2	79.2
June 1992	91.1	89.2	88.5	87.9	94.2	87.7	100.8	95.0	90.9	89.0
Colorado										
June 1993	85.8	82.8	79.9	76.7	89.2	70.0	97.7	80.5	83.8	77.4
May 1993	88.3	82.7	83.5	76.8	91.9	72.7	101.0	82.6	86.9	77.9
June 1992	93.7	92.1	89.4	88.7	96.2	84.4	104.7	93.9	92.5	89.9

See footnotes at end of table.

**Table 29. Refiner/Reseller Motor Gasoline Prices to End Users
by Grade, PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Leaded Regular		Unleaded Regular		Unleaded Midgrade		Premium		Motor Gasoline Average	
	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users
Idaho										
June 1993	76.2	78.6	76.0	77.0	NA	-	NA	87.6	77.3	78.1
May 1993	75.0	77.5	75.0	76.8	84.8	W	83.4	88.3	76.1	77.8
June 1992	87.2	87.4	86.8	86.1	87.0	95.1	96.8	97.6	87.6	87.3
Montana										
June 1993	85.8	82.8	85.6	81.6	W	W	94.6	89.8	86.9	82.5
May 1993	83.7	80.7	83.4	80.5	W	W	93.0	87.5	84.7	82.2
June 1992	93.1	91.7	92.0	90.2	W	-	99.1	100.5	93.2	91.8
Utah										
June 1993	80.2	73.3	76.7	72.5	80.5	W	87.8	78.6	79.5	73.8
May 1993	79.1	78.3	75.6	75.2	81.0	-	86.3	82.9	78.5	77.2
June 1992	86.8	83.6	83.7	83.4	87.2	W	93.3	90.0	86.0	84.7
Wyoming										
June 1993	86.7	76.7	84.8	81.1	84.2	W	95.1	89.9	86.4	81.0
May 1993	84.6	77.0	83.7	82.0	86.1	W	93.5	90.7	85.1	82.0
June 1992	95.1	88.4	94.3	90.3	W	-	104.6	95.7	95.6	90.7
PAD District V Average										
June 1993	78.5	80.3	81.7	76.4	85.1	79.6	99.0	88.3	84.5	78.7
May 1993	77.5	79.7	80.7	77.8	85.4	81.8	98.4	90.9	83.7	80.2
June 1992	84.8	86.9	88.1	83.3	91.9	86.0	103.7	93.5	90.6	85.1
Alaska										
June 1993	97.7	93.4	102.9	92.4	-	W	108.3	92.3	103.2	92.7
May 1993	92.9	91.5	102.3	87.7	-	W	108.9	99.8	102.5	86.9
June 1992	103.0	NA	108.3	95.9	-	-	113.8	83.9	108.4	95.1
Arizona										
June 1993	80.1	77.9	84.2	74.9	89.7	77.0	99.3	85.2	85.8	75.7
May 1993	80.6	79.9	84.7	77.6	90.8	80.4	99.5	86.2	86.1	78.3
June 1992	83.9	82.1	87.6	83.7	90.2	-	102.9	91.0	89.1	84.1
California										
June 1993	W	-	78.6	74.1	84.3	79.2	96.8	86.8	82.5	77.0
May 1993	W	-	77.7	76.6	84.7	81.6	96.7	80.1	82.0	79.7
June 1992	W	W	86.4	80.9	91.6	86.2	102.7	93.2	90.1	83.3
Hawaii										
June 1993	-	-	108.6	82.3	113.3	83.0	125.8	96.5	113.7	86.4
May 1993	-	-	108.5	82.8	113.3	83.4	125.8	96.9	113.5	86.4
June 1992	-	-	101.9	82.5	115.0	85.5	119.1	93.1	108.3	85.6
Nevada										
June 1993	83.6	87.3	82.8	72.2	84.4	77.7	99.8	82.6	85.7	73.2
May 1993	82.8	86.3	81.7	75.1	83.2	80.0	98.4	88.3	84.5	76.2
June 1992	90.7	W	90.4	80.6	90.4	W	104.7	88.7	92.7	81.4
Oregon										
June 1993	81.9	79.9	86.2	81.6	W	-	101.6	94.8	86.9	82.2
May 1993	80.5	78.5	84.3	80.5	W	-	100.7	94.0	85.2	81.3
June 1992	87.9	89.0	93.1	88.4	W	-	108.2	104.3	93.4	89.7
Washington										
June 1993	74.1	80.9	80.4	78.7	NA	83.9	97.6	89.3	81.5	80.3
May 1993	72.1	78.9	77.1	77.4	85.7	84.3	94.2	89.3	78.6	78.9
June 1992	82.2	85.4	87.0	86.0	-	W	102.1	96.9	88.0	86.8

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

**Table 30. Refiner/Reseller Total Motor Gasoline Prices
by Seller, PAD District, and State**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
U.S. Average												
June 1993	80.8	68.0	67.7	78.7	67.5	60.8	80.2	67.8	66.2	78.7	75.1	67.0
May 1993	81.2	70.4	70.4	78.7	69.0	64.7	80.5	70.0	69.2	79.1	76.9	69.5
June 1992	85.7	74.7	75.3	83.1	75.3	70.0	85.0	74.9	74.2	84.0	82.4	74.6
PAD District I Average												
June 1993	80.3	64.9	67.8	76.3	65.6	59.9	79.6	65.2	67.0	78.2	72.6	66.6
May 1993	79.6	67.4	69.9	75.5	67.6	64.0	78.9	67.5	69.4	78.1	74.1	68.7
June 1992	83.7	72.4	75.3	80.9	73.3	68.4	83.3	72.7	74.5	83.7	80.0	74.1
Subdistrict IA Average												
June 1993	84.6	62.9	68.6	-	W	61.1	84.6	61.7	67.9	81.4	70.4	66.9
May 1993	83.5	63.5	70.3	-	W	62.2	83.5	63.6	69.9	80.8	72.3	66.5
June 1992	90.4	73.8	77.0	-	W	65.7	90.4	72.2	75.6	88.2	77.1	72.7
Connecticut												
June 1993	W	66.1	69.2	-	W	NA	W	64.8	68.5	82.0	69.0	68.3
May 1993	W	67.5	70.3	-	W	W	W	65.5	70.1	82.2	71.0	65.3
June 1992	W	75.8	76.5	-	W	W	W	74.8	76.5	88.0	79.9	75.8
Maine												
June 1993	-	W	64.1	-	W	W	-	60.2	63.6	84.9	75.1	66.8
May 1993	-	W	65.2	-	W	W	-	W	65.0	83.0	75.4	65.6
June 1992	-	W	74.4	-	W	W	-	74.0	74.3	89.0	82.7	75.4
Massachusetts												
June 1993	85.0	61.5	69.5	-	W	59.8	85.0	60.5	68.6	79.8	67.4	64.5
May 1993	84.0	62.1	72.2	-	W	W	84.0	62.6	71.8	78.8	70.3	65.1
June 1992	92.0	72.2	78.0	-	W	65.0	92.0	70.4	75.0	87.3	74.1	69.3
New Hampshire												
June 1993	83.4	59.4	68.6	-	W	W	83.4	59.3	68.0	82.5	72.9	72.2
May 1993	81.3	W	69.9	-	W	W	81.3	63.1	69.5	82.2	73.5	73.0
June 1992	W	69.0	77.1	-	W	W	89.7	69.2	76.9	89.6	78.7	78.6
Rhode Island												
June 1993	W	W	68.5	-	W	W	78.4	62.9	68.0	77.0	68.1	61.4
May 1993	W	W	69.4	-	W	W	77.3	66.1	68.1	78.2	69.9	66.2
June 1992	85.9	W	76.7	-	W	W	85.9	75.0	76.2	88.1	73.4	73.9
Vermont												
June 1993	-	W	W	-	W	W	-	W	69.9	85.2	77.4	74.7
May 1993	-	W	W	-	W	W	-	W	70.7	84.0	77.4	74.9
June 1992	-	W	W	-	-	W	-	W	77.7	89.7	80.3	81.4
Subdistrict IB Average												
June 1993	79.4	65.1	69.0	76.4	65.9	60.3	78.9	65.5	68.1	75.9	72.3	64.8
May 1993	78.7	W	69.7	74.9	68.3	64.1	78.0	67.9	69.2	76.2	73.4	67.9
June 1992	84.7	W	76.5	81.2	75.4	68.5	84.1	73.6	75.5	83.9	79.8	72.7
Delaware												
June 1993	W	61.8	65.6	-	-	W	W	61.8	64.7	73.8	71.4	68.1
May 1993	W	W	66.8	-	-	61.3	W	W	66.3	75.5	71.8	68.8
June 1992	W	W	W	-	-	68.6	W	W	73.4	83.7	77.2	74.2
District of Columbia												
June 1993	-	W	77.4	-	-	W	-	W	77.4	W	64.9	61.6
May 1993	-	W	77.2	-	-	-	-	W	77.2	W	68.2	66.1
June 1992	-	W	82.0	-	-	W	-	W	81.6	W	77.2	W
Maryland												
June 1993	-	64.0	69.5	W	W	W	W	63.9	69.6	76.9	71.3	66.9
May 1993	-	67.0	71.1	-	W	68.3	-	66.6	70.8	77.1	72.4	68.8
June 1992	-	71.4	77.2	W	W	77.6	W	71.1	77.2	84.1	78.4	76.6
New Jersey												
June 1993	85.5	63.5	69.9	W	W	56.9	85.1	63.9	68.5	79.9	71.0	61.0
May 1993	84.9	68.1	71.0	W	W	61.3	84.6	66.4	70.4	80.9	72.6	66.0
June 1992	90.5	70.7	78.2	W	W	65.9	90.3	72.5	75.6	87.1	79.6	70.1
New York												
June 1993	77.8	66.9	71.1	W	W	59.8	76.3	65.9	70.1	78.6	69.6	65.4
May 1993	77.8	69.9	70.9	W	W	63.2	76.0	69.4	70.4	78.7	71.3	67.0
June 1992	82.8	73.5	77.5	W	W	68.9	81.2	73.4	77.0	84.0	77.9	74.4
Pennsylvania												
June 1993	77.1	66.0	65.6	81.2	67.0	60.2	77.9	66.7	64.9	72.4	76.4	68.0
May 1993	75.6	67.0	66.6	79.4	69.4	64.0	76.4	68.7	66.3	72.7	76.8	70.4
June 1992	83.1	74.7	73.6	86.0	75.9	69.3	83.6	75.6	73.2	82.8	82.2	73.7

See footnotes at end of table.

**Table 30. Refiner/Reseller Total Motor Gasoline Prices
by Seller, PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Subdistrict IC Average												
June 1993	80.4	W	66.4	76.3	67.3	59.2	79.7	65.7	65.6	78.4	73.1	63.2
May 1993	79.8	68.5	70.1	76.0	69.1	64.1	79.2	68.6	69.4	78.4	75.0	70.4
June 1992	82.6	72.3	73.6	80.7	71.9	69.2	82.3	72.1	73.2	82.6	81.0	76.1
Florida												
June 1993	83.5	63.7	71.1	81.2	W	59.5	83.3	63.9	69.7	80.1	75.9	69.6
May 1993	82.5	68.1	73.6	77.6	W	64.7	82.1	68.0	72.4	79.9	76.0	71.7
June 1992	83.1	72.4	75.5	81.9	W	69.5	83.0	71.8	74.8	84.5	81.4	75.8
Georgia												
June 1993	75.8	64.8	64.4	75.4	-	58.8	75.7	64.8	63.7	77.7	74.6	67.1
May 1993	75.6	68.1	68.5	74.9	W	63.6	75.5	68.1	67.9	77.2	77.0	70.1
June 1992	79.2	73.2	72.5	79.0	-	68.9	79.2	73.2	72.1	82.4	80.4	76.5
North Carolina												
June 1993	76.6	62.1	62.8	W	-	58.8	75.8	62.1	62.4	76.4	68.9	63.4
May 1993	76.5	65.6	67.3	W	-	63.2	75.8	65.6	67.0	76.9	71.8	69.8
June 1992	81.5	69.5	72.1	W	-	69.0	80.9	69.5	71.9	80.9	79.3	75.6
South Carolina												
June 1993	72.9	64.2	62.4	W	W	58.6	72.8	64.1	62.0	77.6	69.2	64.6
May 1993	72.6	67.4	67.1	W	-	63.1	72.4	67.4	66.6	77.9	73.1	68.0
June 1992	79.4	73.6	72.2	W	-	68.9	79.3	73.6	71.8	82.0	80.6	75.8
Virginia												
June 1993	85.9	66.6	67.0	W	62.5	59.4	80.0	64.9	66.3	79.0	73.8	69.7
May 1993	85.6	69.2	70.3	W	67.4	64.1	80.9	68.5	69.7	78.9	74.9	71.8
June 1992	88.2	72.4	74.0	W	W	69.4	85.5	71.3	73.7	82.8	82.5	75.5
West Virginia												
June 1993	86.3	76.6	67.8	W	W	61.6	84.0	76.5	68.7	78.9	73.9	74.0
May 1993	85.6	78.5	70.4	W	W	66.4	83.6	75.8	69.8	80.0	76.0	76.0
June 1992	90.7	82.5	75.2	W	W	70.4	87.3	80.2	74.3	84.8	82.5	80.7
PAD District II Average												
June 1993	79.3	68.7	65.0	75.5	65.4	60.8	78.2	68.5	63.9	77.4	75.4	66.5
May 1993	81.1	70.7	69.2	76.6	66.5	64.7	79.8	70.4	67.9	78.6	77.8	69.9
June 1992	84.4	75.4	73.1	80.3	73.8	69.9	83.3	75.4	72.3	82.6	82.2	74.4
Illinois												
June 1993	79.0	65.0	65.8	W	W	60.9	77.3	64.6	64.9	76.9	75.5	66.2
May 1993	81.0	67.1	70.2	W	W	64.0	78.9	67.1	69.0	78.0	78.6	69.0
June 1992	83.6	71.2	71.8	W	W	70.6	82.7	71.3	71.6	83.0	82.9	75.4
Indiana												
June 1993	79.2	62.6	64.5	W	W	61.1	78.4	62.4	64.0	78.0	74.0	67.9
May 1993	81.6	68.8	69.1	W	W	64.4	80.2	66.8	68.2	80.0	77.9	70.3
June 1992	82.6	72.0	72.7	W	W	69.0	81.8	71.9	71.8	81.9	81.0	72.7
Iowa												
June 1993	73.4	W	64.0	73.0	-	60.8	73.1	W	62.6	74.6	75.8	65.0
May 1993	79.2	W	68.5	76.0	-	65.2	76.8	W	67.0	77.6	78.6	69.0
June 1992	85.9	71.2	73.3	82.2	-	69.9	83.0	71.2	71.8	82.2	83.2	73.6
Kansas												
June 1993	77.7	64.3	63.5	74.6	W	59.5	75.9	64.0	60.7	76.8	75.3	65.9
May 1993	79.3	67.3	66.9	75.0	W	63.9	76.9	67.3	64.8	77.4	77.1	70.6
June 1992	84.8	W	72.2	79.8	W	68.5	82.0	71.1	69.7	83.0	81.8	71.8
Kentucky												
June 1993	81.9	71.1	65.3	77.9	-	58.6	81.4	71.1	64.6	79.5	73.1	68.8
May 1993	82.7	74.1	70.2	78.9	-	64.3	82.2	74.1	69.3	79.9	75.2	72.2
June 1992	86.7	79.5	74.8	83.3	-	69.5	88.0	79.5	74.3	83.8	79.4	77.3
Michigan												
June 1993	78.2	68.6	66.0	W	W	62.0	76.7	68.6	65.3	79.9	74.8	67.1
May 1993	81.0	69.2	70.2	W	W	66.2	79.7	69.1	69.5	81.7	76.8	71.8
June 1992	82.1	74.3	73.8	W	-	71.2	79.6	74.3	73.4	82.7	83.6	75.8
Minnesota												
June 1993	81.3	65.9	66.9	84.0	W	63.2	82.0	65.7	65.4	81.2	78.8	67.8
May 1993	84.1	67.8	70.7	86.1	W	67.2	84.6	68.1	69.3	82.9	80.5	70.1
June 1992	88.0	72.9	75.7	90.7	W	72.3	88.7	72.7	74.4	86.2	84.6	78.4
Missouri												
June 1993	78.7	66.5	64.7	74.3	-	60.4	76.7	66.5	63.4	74.1	73.7	65.2
May 1993	79.3	66.1	68.4	74.3	W	64.4	77.0	66.1	67.2	75.1	76.2	69.7
June 1992	84.9	72.7	73.3	81.2	W	69.7	83.4	72.7	72.1	79.8	83.5	72.8

See footnotes at end of table.

**Table 30. Refiner/Reseller Total Motor Gasoline Prices
by Seller, PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Nebraska												
June 1993	W	W	64.0	75.5	W	61.1	77.8	63.4	62.6	79.6	75.8	66.6
May 1993	W	W	68.6	77.4	W	65.5	78.5	66.4	67.1	80.6	77.2	70.2
June 1992	W	W	73.0	81.1	-	70.7	81.7	W	71.9	82.7	76.3	74.7
North Dakota												
June 1993	87.2	W	68.8	W	-	63.3	86.5	W	66.0	87.1	84.0	67.0
May 1993	87.3	W	72.4	W	-	67.7	87.1	W	69.9	87.2	84.9	71.7
June 1992	90.8	W	76.0	W	-	73.4	90.4	W	74.7	86.7	85.7	76.4
Ohio												
June 1993	79.8	71.9	66.5	W	W	61.8	79.1	72.0	66.2	77.3	75.0	65.8
May 1993	81.8	74.1	70.4	W	W	65.4	81.2	74.2	70.0	77.7	78.6	70.1
June 1992	85.0	79.2	74.1	W	W	71.0	84.6	79.2	73.9	82.2	80.5	73.7
Oklahoma												
June 1993	76.1	62.7	60.9	75.0	W	59.7	75.7	62.7	60.3	72.1	68.6	63.9
May 1993	75.9	66.3	64.3	74.9	W	62.7	75.6	65.0	63.4	74.3	71.3	66.6
June 1992	79.2	69.6	69.2	78.1	W	67.7	78.9	69.6	68.4	78.4	76.2	72.1
South Dakota												
June 1993	W	67.0	66.7	W	-	64.2	81.2	67.0	65.6	82.6	80.9	70.5
May 1993	W	68.3	70.4	W	-	67.7	81.1	68.3	69.2	83.3	80.8	74.0
June 1992	W	W	76.5	W	W	74.2	W	W	75.4	90.3	89.0	79.7
Tennessee												
June 1993	79.8	63.6	63.5	80.1	63.0	58.7	79.9	63.5	62.9	75.8	69.1	67.5
May 1993	79.9	66.4	67.9	77.4	67.0	63.4	79.0	66.5	67.2	75.6	71.5	70.4
June 1992	85.0	71.6	72.9	81.1	71.4	68.4	83.6	71.6	72.3	80.4	77.7	74.9
Wisconsin												
June 1993	76.0	63.9	64.1	W	W	60.6	76.0	63.7	62.9	77.9	77.1	65.5
May 1993	77.1	67.7	68.0	W	W	65.3	76.3	67.3	67.2	79.9	78.6	69.6
June 1992	85.0	73.0	73.1	W	W	70.9	84.1	72.0	72.4	85.3	82.7	73.7
PAD District III Average												
June 1993	82.1	65.1	63.2	79.1	59.6	58.7	80.9	63.6	61.4	78.3	72.5	65.4
May 1993	81.9	68.1	67.0	79.2	64.6	63.1	80.9	67.2	65.6	78.6	74.7	68.0
June 1992	85.7	71.5	71.0	82.1	70.4	68.0	84.4	71.3	70.0	81.7	79.5	73.2
Alabama												
June 1993	80.1	61.8	62.8	78.5	W	58.8	79.7	61.8	62.0	80.1	71.9	70.6
May 1993	79.7	67.0	67.3	77.2	W	63.8	79.2	66.9	66.6	80.8	74.3	73.5
June 1992	84.1	71.9	72.1	81.8	W	69.1	83.6	71.8	71.6	83.6	82.4	78.9
Arkansas												
June 1993	78.7	W	62.5	W	W	58.4	78.3	62.4	60.6	76.5	67.6	64.2
May 1993	79.1	W	66.9	W	W	63.5	77.3	W	65.5	76.7	69.6	67.5
June 1992	83.3	70.7	71.8	W	W	68.3	80.4	70.4	70.5	79.2	79.4	71.8
Louisiana												
June 1993	81.5	62.6	64.5	79.4	71.1	58.2	81.1	62.8	62.7	78.6	73.1	66.6
May 1993	81.5	65.9	67.5	77.9	69.3	62.9	80.8	66.1	66.1	78.8	76.1	69.8
June 1992	85.2	69.9	71.0	82.2	72.1	67.4	84.7	70.1	70.0	79.6	80.3	77.0
Mississippi												
June 1993	W	63.5	60.6	80.1	68.4	57.5	78.5	60.5	59.6	77.0	71.1	68.5
May 1993	W	W	65.5	77.3	63.5	62.5	77.4	64.1	64.6	78.6	75.6	71.8
June 1992	W	70.9	71.0	80.5	68.5	67.6	80.7	70.3	69.9	82.0	80.5	73.5
New Mexico												
June 1993	89.0	77.0	73.3	91.3	72.9	69.1	90.6	76.2	71.3	86.0	82.3	77.3
May 1993	92.9	78.3	76.2	93.7	75.6	71.6	93.5	77.7	74.2	88.0	82.9	79.0
June 1992	88.2	W	75.2	91.8	74.0	73.2	90.7	75.0	74.4	87.0	84.0	79.7
Texas												
June 1993	82.4	65.8	63.0	78.1	68.7	58.2	80.6	63.1	60.9	77.2	73.8	64.0
May 1993	82.0	68.1	66.5	78.3	63.8	62.5	80.6	66.4	64.9	77.0	75.0	66.5
June 1992	86.1	71.6	70.4	81.6	70.0	67.7	84.6	71.2	69.5	81.5	77.8	71.7
PAD District IV Average												
June 1993	82.3	69.3	70.0	84.7	70.5	67.6	83.4	70.0	69.1	81.8	79.1	71.5
May 1993	84.6	70.0	70.5	87.5	70.2	68.1	85.9	70.1	69.6	81.6	79.6	72.8
June 1992	91.7	79.7	80.6	91.8	85.6	79.2	91.8	83.7	80.0	90.3	89.3	84.0

See footnotes at end of table.

**Table 30. Refiner/Reseller Total Motor Gasoline Prices
by Seller, PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Colorado												
June 1993	83.3	W	68.5	84.9	W	64.1	84.1	W	66.8	83.1	77.7	60.6
May 1993	86.9	W	71.8	88.1	W	66.3	87.5	W	69.5	86.1	78.1	72.1
June 1992	93.9	W	82.0	91.9	W	78.7	92.9	W	80.6	92.0	90.4	82.9
Idaho												
June 1993	-	W	70.1	W	-	69.2	W	W	69.8	77.2	78.2	73.6
May 1993	-	W	69.2	W	-	68.8	W	W	69.0	76.1	77.8	73.9
June 1992	W	W	79.5	W	-	78.8	91.4	W	79.2	87.5	87.4	83.7
Montana												
June 1993	-	W	73.7	W	70.6	73.1	W	70.7	73.5	87.0	83.0	74.6
May 1993	-	W	71.3	W	W	70.9	W	73.1	71.1	84.8	82.4	72.9
June 1992	W	W	82.8	W	107.4	81.7	W	105.9	82.4	93.7	91.1	86.1
Utah												
June 1993	79.6	W	69.7	W	W	67.0	79.5	69.6	68.2	79.5	74.5	72.3
May 1993	79.4	69.6	69.2	W	W	67.8	79.3	69.3	68.7	78.2	78.6	72.7
June 1992	86.1	78.9	78.0	W	W	77.1	86.1	78.9	77.7	85.9	85.8	82.0
Wyoming												
June 1993	W	75.5	70.7	86.7	W	68.9	85.7	74.0	69.8	86.5	81.2	73.5
May 1993	W	73.2	71.1	85.1	W	69.8	84.0	72.2	70.4	85.3	82.4	74.9
June 1992	W	85.0	82.0	95.5	W	81.4	94.0	82.8	81.7	96.0	91.3	86.1
PAD District V Average												
June 1993	83.3	72.6	74.8	84.9	75.9	65.0	83.7	73.5	73.3	85.6	79.5	72.2
May 1993	82.8	75.6	75.4	82.2	77.7	68.3	82.7	76.1	74.3	85.1	80.9	73.9
June 1992	90.1	78.2	80.9	89.4	77.9	71.7	89.9	78.1	79.3	91.6	87.2	76.7
Alaska												
June 1993	W	W	77.0	99.9	NA	W	99.2	NA	76.1	119.9	107.2	87.8
May 1993	W	W	76.8	99.4	75.5	W	98.7	76.0	75.3	121.0	101.2	87.6
June 1992	W	W	79.7	102.8	80.7	W	101.8	81.2	78.6	NA	105.8	93.2
Arizona												
June 1993	85.2	74.5	76.0	W	W	69.7	85.6	74.8	75.2	86.0	75.9	77.7
May 1993	85.3	76.8	76.7	W	W	72.6	85.9	78.3	76.1	86.3	78.3	80.1
June 1992	88.4	W	81.0	W	79.3	75.6	88.6	79.3	80.3	89.4	85.2	82.3
California												
June 1993	83.3	71.4	75.0	81.6	W	63.4	82.8	71.0	73.1	81.5	77.6	69.7
May 1993	83.5	75.4	76.1	78.5	W	67.4	81.9	75.3	74.7	82.2	80.3	72.4
June 1992	90.8	77.2	81.3	86.2	73.1	70.3	89.5	76.4	79.2	91.6	85.7	73.4
Hawaii												
June 1993	W	W	99.3	W	W	W	107.5	W	97.9	118.9	101.2	106.6
May 1993	W	W	W	W	W	W	107.4	W	98.7	118.8	101.0	110.4
June 1992	W	W	W	W	W	W	107.8	81.7	93.3	W	109.6	106.0
Nevada												
June 1993	W	71.6	71.0	W	W	67.7	78.2	70.5	70.5	87.6	74.2	67.4
May 1993	W	73.6	70.6	W	W	71.5	75.4	73.5	70.8	86.4	76.9	69.9
June 1992	86.7	78.7	79.1	W	W	76.1	86.9	79.0	78.6	94.5	81.8	79.1
Oregon												
June 1993	87.1	72.6	73.5	W	W	NA	87.7	74.4	72.9	86.6	82.6	77.2
May 1993	86.0	70.2	72.2	W	W	68.8	86.5	72.7	71.8	84.7	81.7	76.9
June 1992	95.2	78.4	78.3	W	W	75.3	96.4	84.4	78.0	92.5	89.9	83.1
Washington												
June 1993	79.4	70.5	72.2	W	-	68.0	80.2	70.5	71.8	83.3	80.8	74.2
May 1993	76.3	69.4	70.7	W	-	67.9	77.2	69.4	70.4	80.6	79.4	73.2
June 1992	86.3	77.2	78.7	W	W	77.3	87.3	77.1	78.5	89.1	87.7	81.0

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Sources: Refiners and Gas Plant Operators: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report;" Resellers: Energy Information Administration Form EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

**Table 31. Refiner/Reseller Leaded Regular Gasoline Prices
by Seller, PAD District, and State
(Cents per Gallon Excluding Taxes)**

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
U.S. Average												
June 1993	74.8	78.4	70.2	85.6	NA	68.1	78.2	77.7	69.5	81.1	80.2	73.4
May 1993	73.3	79.9	69.4	84.8	NA	69.3	77.0	78.5	69.4	80.9	81.3	74.0
June 1992	82.9	80.8	76.9	90.0	NA	76.1	85.1	79.1	76.6	87.0	87.7	80.9
PAD District I Average												
June 1993	-	W	W	-	-	-	-	W	W	74.4	NA	NA
May 1993	-	W	W	-	-	-	-	W	W	75.6	NA	NA
June 1992	-	W	W	-	-	W	-	W	W	81.8	82.3	NA
Subdistrict IA Average												
June 1993	-	-	-	-	-	-	-	-	-	-	NA	NA
May 1993	-	-	-	-	-	-	-	-	-	-	W	W
June 1992	-	-	-	-	-	-	-	-	-	-	NA	W
Connecticut												
June 1993	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
June 1992	-	-	-	-	-	-	-	-	-	-	-	-
Maine												
June 1993	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
June 1992	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts												
June 1993	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
June 1992	-	-	-	-	-	-	-	-	-	-	W	-
New Hampshire												
June 1993	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
June 1992	-	-	-	-	-	-	-	-	-	-	-	-
Rhode Island												
June 1993	-	-	-	-	-	-	-	-	-	-	NA	-
May 1993	-	-	-	-	-	-	-	-	-	-	W	-
June 1992	-	-	-	-	-	-	-	-	-	-	-	-
Vermont												
June 1993	-	-	-	-	-	-	-	-	-	-	NA	NA
May 1993	-	-	-	-	-	-	-	-	-	-	NA	W
June 1992	-	-	-	-	-	-	-	-	-	-	W	W
Subdistrict IB Average												
June 1993	-	W	W	-	-	-	-	W	W	NA	NA	NA
May 1993	-	W	W	-	-	-	-	W	W	NA	NA	NA
June 1992	-	W	W	-	-	-	-	W	W	W	NA	NA
Delaware												
June 1993	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
June 1992	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia												
June 1993	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
June 1992	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
June 1993	-	-	-	-	-	-	-	-	-	-	W	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
June 1992	-	-	-	-	-	-	-	-	-	-	-	-
New Jersey												
June 1993	-	-	-	-	-	-	-	-	-	-	W	NA
May 1993	-	-	-	-	-	-	-	-	-	-	W	W
June 1992	-	-	-	-	-	-	-	-	-	-	W	W
New York												
June 1993	-	W	W	-	-	-	-	W	W	NA	NA	NA
May 1993	-	W	W	-	-	-	-	W	W	NA	NA	NA
June 1992	-	W	W	-	-	-	-	W	W	W	W	W
Pennsylvania												
June 1993	-	W	W	-	-	-	-	W	W	W	NA	W
May 1993	-	W	W	-	-	-	-	W	W	W	NA	-
June 1992	-	W	W	-	-	-	-	W	W	-	81.3	W

See footnotes at end of table.

**Table 31. Refiner/Reseller Leaded Regular Gasoline Prices
by Seller, PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Subdistrict IC Average												
June 1993	-	W	-	-	-	-	-	W	-	74.8	W	-
May 1993	-	W	-	-	-	-	-	W	-	76.0	W	-
June 1992	-	W	-	-	-	W	-	W	W	W	W	W
Florida												
June 1993	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
June 1992	-	-	-	-	-	-	-	-	-	W	-	-
Georgia												
June 1993	-	-	-	-	-	-	-	-	-	74.8	-	-
May 1993	-	-	-	-	-	-	-	-	-	76.0	-	-
June 1992	-	-	-	-	-	-	-	-	-	W	-	-
North Carolina												
June 1993	-	-	-	-	-	-	-	-	-	-	W	-
May 1993	-	-	-	-	-	-	-	-	-	-	W	-
June 1992	-	-	-	-	-	-	-	-	-	W	-	-
South Carolina												
June 1993	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
June 1992	-	-	-	-	-	-	-	-	-	-	-	-
Virginia												
June 1993	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
June 1992	-	-	-	-	-	-	-	-	-	-	W	W
West Virginia												
June 1993	-	W	-	-	-	-	-	W	-	-	-	-
May 1993	-	W	-	-	-	-	-	W	-	-	-	-
June 1992	-	W	-	-	-	W	-	W	W	-	W	-
PAD District II Average												
June 1993	W	W	70.4	W	-	64.4	81.8	W	65.5	82.5	80.8	69.5
May 1993	W	W	72.9	W	-	68.6	83.9	W	69.2	83.8	83.9	72.6
June 1992	W	W	76.7	85.3	-	73.2	86.2	W	73.9	88.9	87.4	76.7
Illinois												
June 1993	-	-	-	-	-	W	-	-	W	83.3	85.4	80.0
May 1993	-	-	-	-	-	W	-	-	W	84.2	85.5	70.3
June 1992	-	-	-	-	-	W	-	-	W	85.6	77.9	80.6
Indiana												
June 1993	-	W	-	-	-	W	-	W	W	82.3	83.9	76.7
May 1993	-	W	-	-	-	W	-	W	W	86.6	85.7	77.7
June 1992	-	W	-	-	-	W	-	W	W	89.6	88.7	76.5
Iowa												
June 1993	-	-	-	W	-	-	W	-	-	78.1	78.0	71.3
May 1993	-	-	-	W	-	-	W	-	-	79.5	79.7	73.4
June 1992	-	-	-	W	-	-	W	-	-	86.3	84.2	73.6
Kansas												
June 1993	-	-	-	-	-	66.7	-	-	66.7	77.3	-	NA
May 1993	-	-	-	-	-	W	-	-	W	78.9	-	W
June 1992	-	-	-	W	-	71.5	W	-	71.5	84.4	81.6	70.9
Kentucky												
June 1993	-	W	W	W	-	W	W	W	W	W	-	-
May 1993	-	W	W	W	-	W	W	W	W	W	-	-
June 1992	-	W	W	W	-	W	W	W	85.0	W	W	-
Michigan												
June 1993	-	-	NA	-	-	W	-	-	65.2	87.2	83.8	70.9
May 1993	-	-	NA	-	-	W	-	-	69.1	87.0	84.1	73.7
June 1992	-	-	73.6	W	-	W	W	-	73.7	90.4	89.8	80.5
Minnesota												
June 1993	W	-	-	W	-	-	W	-	-	83.0	80.1	67.6
May 1993	W	-	-	W	-	-	W	-	-	83.2	81.6	69.3
June 1992	W	-	-	W	-	-	W	-	-	87.7	87.0	76.0
Missouri												
June 1993	-	-	-	-	-	-	-	-	-	80.4	78.2	65.5
May 1993	-	-	-	-	-	-	-	-	-	80.1	81.7	69.3
June 1992	-	-	-	W	-	-	W	-	-	83.0	86.1	76.3

See footnotes at end of table.

**Table 31. Refiner/Reseller Leaded Regular Gasoline Prices
by Seller, PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Nebraska												
June 1993	-	-	W	W	-	W	W	-	64.5	81.7	76.9	63.7
May 1993	-	-	W	W	-	W	W	-	69.1	82.3	77.1	68.7
June 1992	-	-	W	W	-	76.3	W	-	76.6	83.5	79.5	73.5
North Dakota												
June 1993	-	-	W	-	-	W	-	-	65.9	89.0	86.7	71.0
May 1993	-	-	W	W	-	70.2	W	-	70.4	89.9	88.8	75.1
June 1992	W	-	W	W	-	74.8	W	-	75.3	90.9	80.2	77.2
Ohio												
June 1993	-	W	W	-	-	-	-	W	W	NA	NA	-
May 1993	-	W	W	-	-	-	-	W	W	NA	W	W
June 1992	-	W	W	-	-	-	-	W	W	85.1	NA	W
Oklahoma												
June 1993	-	-	-	-	-	63.0	-	-	63.0	75.1	-	-
May 1993	-	-	-	-	-	66.8	-	-	66.8	NA	-	-
June 1992	W	-	W	W	-	69.8	W	-	69.6	79.2	W	73.6
South Dakota												
June 1993	-	-	W	-	-	70.0	-	-	69.7	87.6	80.6	72.2
May 1993	-	-	W	-	-	71.8	-	-	71.3	87.8	84.6	73.6
June 1992	-	-	W	-	-	81.6	-	-	81.6	95.3	95.3	83.5
Tennessee												
June 1993	-	-	-	-	-	-	-	-	-	W	-	-
May 1993	-	-	-	-	-	-	-	-	-	W	-	-
June 1992	-	-	-	-	-	W	-	-	W	W	-	-
Wisconsin												
June 1993	-	-	-	-	-	-	-	-	-	81.2	80.2	65.7
May 1993	-	-	-	-	-	-	-	-	-	83.1	83.7	70.3
June 1992	-	-	-	-	-	-	-	-	-	87.3	86.2	76.2
PAD District III Average												
June 1993	W	-	72.1	91.0	W	68.4	91.0	W	69.4	82.4	83.9	78.5
May 1993	W	-	74.8	93.0	W	71.1	92.9	W	72.1	84.2	83.3	79.7
June 1992	W	-	74.8	88.3	W	72.6	87.7	W	73.4	84.6	84.8	80.5
Alabama												
June 1993	-	-	-	-	-	-	-	-	-	W	-	-
May 1993	-	-	-	-	-	-	-	-	-	W	-	-
June 1992	-	-	-	-	-	-	-	-	-	W	-	-
Arkansas												
June 1993	-	-	-	-	-	W	-	-	W	W	-	W
May 1993	-	-	-	-	-	W	-	-	W	W	-	W
June 1992	-	-	-	-	-	W	-	-	W	78.9	W	W
Louisiana												
June 1993	-	-	-	-	-	-	-	-	-	79.0	-	-
May 1993	-	-	-	-	-	-	-	-	-	78.8	-	-
June 1992	-	-	-	-	-	-	-	-	-	W	W	-
Mississippi												
June 1993	-	-	-	-	-	-	-	-	-	W	-	-
May 1993	-	-	-	-	-	-	-	-	-	W	-	-
June 1992	-	-	-	-	-	-	-	-	-	W	-	-
New Mexico												
June 1993	W	-	72.7	90.7	W	69.5	90.7	W	70.4	85.3	86.7	79.3
May 1993	W	-	75.0	93.0	W	72.0	92.9	W	72.8	88.0	84.7	80.5
June 1992	W	-	75.2	89.8	W	73.3	89.7	W	74.1	85.8	85.2	80.8
Texas												
June 1993	W	-	71.2	W	-	66.6	W	-	67.7	80.3	80.6	72.5
May 1993	W	-	73.7	W	-	69.6	92.7	-	70.7	80.9	82.3	75.3
June 1992	W	-	74.0	W	W	71.6	83.0	W	72.3	83.1	W	76.6
PAD District IV Average												
June 1993	W	W	69.8	85.0	W	69.0	83.9	69.5	69.4	81.8	79.6	71.8
May 1993	W	W	68.6	85.9	W	68.6	84.3	W	68.7	80.8	79.3	72.5
June 1992	82.0	81.4	79.2	91.8	W	79.4	92.0	80.8	79.3	90.9	89.2	84.3

See footnotes at end of table.

**Table 31. Refiner/Reseller Leaded Regular Gasoline Prices
by Seller, PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Colorado												
June 1993	W	-	69.6	86.6	-	66.1	86.5	-	66.6	85.6	82.8	69.3
May 1993	W	-	72.0	88.8	-	69.4	88.7	-	69.8	88.1	82.7	72.5
June 1992	W	-	81.7	92.4	-	79.8	93.3	-	80.5	94.0	92.1	84.0
Idaho												
June 1993	-	W	69.0	W	-	68.7	W	W	68.8	76.1	78.6	72.7
May 1993	-	W	68.1	W	-	68.3	W	W	68.1	75.0	77.5	73.1
June 1992	W	W	78.4	W	-	78.5	88.5	W	78.4	87.1	87.4	83.4
Montana												
June 1993	-	-	W	W	-	72.3	W	-	72.3	85.9	82.8	73.2
May 1993	-	-	W	W	-	70.2	W	-	70.0	83.7	80.7	72.0
June 1992	W	-	82.5	W	-	82.1	W	-	82.3	93.7	91.7	86.3
Utah												
June 1993	W	W	66.7	W	W	66.6	W	W	66.6	80.3	NA	71.0
May 1993	W	W	67.2	W	W	67.0	W	W	67.1	79.3	78.5	71.0
June 1992	W	W	75.1	W	W	76.3	W	W	75.6	86.9	83.8	81.4
Wyoming												
June 1993	W	-	69.4	86.4	-	69.5	85.4	-	W	86.9	78.7	72.4
May 1993	W	-	69.8	84.5	-	70.3	83.5	-	70.2	84.7	77.0	73.8
June 1992	W	W	82.0	94.5	W	81.5	92.8	W	81.7	95.5	88.6	86.2
PAD District V Average												
June 1993	74.6	W	70.2	83.7	W	68.2	76.4	74.9	69.9	80.0	80.4	74.9
May 1993	73.0	W	69.3	81.2	W	69.0	74.8	75.9	69.2	78.4	79.8	74.5
June 1992	81.4	74.3	76.3	90.6	NA	75.6	83.4	75.0	76.2	85.7	87.3	80.4
Alaska												
June 1993	W	-	W	W	W	W	W	W	79.0	W	NA	94.2
May 1993	W	-	W	W	W	W	W	W	78.4	W	NA	92.4
June 1992	W	-	80.9	W	W	W	W	W	81.0	NA	NA	85.3
Arizona												
June 1993	77.9	W	73.5	W	W	69.9	78.8	W	72.7	80.9	77.9	75.9
May 1993	78.1	W	73.8	W	W	72.3	79.2	W	73.5	81.3	80.0	78.6
June 1992	82.4	W	77.6	W	W	75.1	83.0	78.2	77.2	84.4	82.4	80.5
California												
June 1993	W	-	-	-	-	NA	W	-	NA	-	-	W
May 1993	W	-	-	-	-	-	W	-	-	-	-	W
June 1992	W	-	W	-	-	-	W	-	W	-	W	81.4
Hawaii												
June 1993	-	-	-	-	-	-	-	-	-	-	-	-
May 1993	-	-	-	-	-	-	-	-	-	-	-	-
June 1992	-	-	-	-	-	-	-	-	-	-	-	-
Nevada												
June 1993	-	-	67.3	-	-	W	-	-	67.4	83.6	87.3	NA
May 1993	-	-	68.3	-	-	W	-	-	68.3	82.8	86.3	W
June 1992	W	W	75.9	-	-	W	W	W	75.9	90.7	W	86.5
Oregon												
June 1993	79.8	W	70.1	W	-	NA	81.3	W	69.6	82.1	79.9	75.4
May 1993	78.5	W	69.4	W	-	68.2	79.9	W	69.2	80.7	79.5	74.6
June 1992	88.2	W	76.1	W	-	W	90.5	W	75.9	87.3	89.1	81.6
Washington												
June 1993	70.8	W	68.7	W	-	67.5	72.7	W	68.5	75.9	80.9	71.7
May 1993	NA	W	67.0	W	-	67.3	NA	W	67.0	74.9	79.0	71.0
June 1992	78.9	W	76.0	W	W	76.6	80.9	73.4	76.0	83.7	86.0	78.6

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Sources: Refiners and Gas Plant Operators: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report;" Resellers: Energy Information Administration Form EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

**Table 32. Refiner/Reseller Unleaded Regular Gasoline Prices
by Seller, PAD District, and State**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
U.S. Average												
June 1993	75.5	65.9	64.0	75.6	65.9	69.8	75.6	65.9	62.9	75.2	72.9	64.5
May 1993	75.9	68.0	66.9	75.7	67.4	63.7	75.8	67.0	66.1	75.7	74.6	67.1
June 1992	80.9	72.6	72.0	80.2	73.9	68.8	80.7	72.9	71.2	80.8	80.1	72.0
PAD District I Average												
June 1993	72.7	62.7	62.8	72.8	63.3	58.5	72.7	62.9	62.2	73.1	69.0	63.3
May 1993	72.0	65.2	65.3	71.8	65.4	62.4	72.0	65.3	64.9	73.0	70.7	65.7
June 1992	76.9	70.2	70.8	77.4	71.0	66.6	77.0	70.4	70.2	78.8	76.0	70.7
Subdistrict IA Average												
June 1993	76.3	W	64.6	-	W	60.7	76.3	59.4	64.0	76.7	66.7	64.1
May 1993	75.0	61.7	68.3	-	W	60.8	75.0	61.9	65.9	76.1	68.8	63.7
June 1992	83.0	71.7	72.9	-	W	65.0	83.0	70.4	71.4	83.6	73.8	69.7
Connecticut												
June 1993	78.1	W	64.6	-	W	NA	78.1	59.8	64.5	75.9	65.2	66.3
May 1993	77.5	W	65.8	-	W	W	77.5	62.4	65.7	76.4	67.7	62.3
June 1992	W	71.0	72.1	-	W	W	W	70.3	72.1	82.6	76.2	71.7
Maine												
June 1993	-	W	61.8	-	W	W	-	60.1	61.1	81.0	71.5	64.4
May 1993	-	W	62.7	-	W	W	-	W	62.6	79.3	71.6	63.3
June 1992	-	72.9	71.9	-	W	W	-	72.9	71.8	85.1	80.4	73.1
Massachusetts												
June 1993	76.9	W	65.5	-	W	59.0	76.9	58.9	64.6	74.6	62.9	61.8
May 1993	75.7	61.3	68.2	-	W	W	75.7	61.7	67.8	73.9	66.1	62.7
June 1992	85.0	71.4	73.6	-	W	64.7	85.0	69.7	70.7	82.6	70.1	67.1
New Hampshire												
June 1993	76.2	59.4	65.1	-	W	W	76.2	59.1	64.5	78.5	70.8	68.5
May 1993	74.0	W	66.4	-	W	W	74.0	62.0	66.1	78.3	71.9	69.4
June 1992	82.2	69.0	73.8	-	W	W	82.2	68.8	73.6	85.2	77.1	75.9
Rhode Island												
June 1993	71.0	W	64.2	-	W	W	71.0	61.6	63.7	72.7	64.7	59.5
May 1993	69.6	W	65.2	-	W	W	69.6	64.1	64.1	74.0	67.2	63.9
June 1992	79.6	W	72.4	-	-	W	79.6	W	72.0	83.9	69.7	71.1
Vermont												
June 1993	-	W	W	-	W	W	-	W	66.6	81.3	74.1	71.0
May 1993	-	W	W	-	W	W	-	W	67.6	80.0	74.2	71.2
June 1992	-	W	W	-	-	W	-	W	74.4	85.9	78.0	76.3
Subdistrict IB Average												
June 1993	72.1	62.8	63.5	73.0	63.3	58.7	72.3	63.0	62.0	71.5	69.0	61.9
May 1993	71.4	65.2	64.6	71.7	66.0	62.4	71.5	65.6	64.3	71.8	70.0	65.2
June 1992	78.0	70.1	71.2	78.2	72.6	66.6	78.1	71.1	70.5	79.2	75.5	69.4
Delaware												
June 1993	W	W	61.7	-	-	W	W	W	61.1	69.3	66.9	65.1
May 1993	W	W	63.2	-	-	60.1	W	W	62.9	70.5	67.1	65.0
June 1992	W	W	70.0	-	-	65.9	W	W	69.7	78.4	71.6	71.1
District of Columbia												
June 1993	-	W	69.8	-	-	W	-	W	69.7	W	63.0	59.6
May 1993	-	W	69.8	-	-	-	-	W	69.8	W	66.6	63.5
June 1992	-	W	75.1	-	-	W	-	W	74.4	W	71.2	W
Maryland												
June 1993	-	61.8	64.6	W	W	W	W	61.8	64.9	71.5	67.0	63.6
May 1993	-	64.8	66.3	-	W	65.7	-	64.3	66.3	71.5	68.6	65.5
June 1992	-	69.0	72.5	W	W	74.4	W	68.8	72.8	76.2	73.8	72.7
New Jersey												
June 1993	75.8	61.6	63.7	W	W	56.9	75.9	61.1	62.4	73.1	66.3	59.9
May 1993	75.8	64.3	65.2	W	W	60.3	75.7	63.8	64.7	74.2	68.0	63.3
June 1992	82.1	67.7	72.5	W	W	64.6	82.3	68.5	70.0	79.6	74.0	67.0
New York												
June 1993	71.5	63.8	64.9	W	W	58.7	70.6	63.1	64.1	74.2	67.6	62.6
May 1993	71.4	66.8	65.2	W	W	61.7	70.2	66.7	64.9	74.5	68.6	64.4
June 1992	77.0	70.9	71.5	W	W	67.1	76.0	70.7	71.1	80.0	75.0	71.0
Pennsylvania												
June 1993	70.4	63.8	61.4	77.7	64.3	58.8	72.2	64.2	61.0	68.5	72.8	64.6
May 1993	69.0	65.2	62.8	76.1	67.0	62.5	70.7	66.4	62.7	68.7	73.6	67.4
June 1992	76.8	72.9	69.7	82.8	73.2	67.8	76.3	73.1	69.4	78.6	77.7	71.0

See footnotes at end of table.

**Table 32. Refiner/Reseller Unleaded Regular Gasoline Prices
by Seller, PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Subdistrict IC Average												
June 1993	72.7	63.2	61.7	72.7	65.7	57.6	72.7	63.8	61.2	72.9	69.4	64.6
May 1993	72.1	66.5	65.6	71.9	67.1	62.5	72.1	66.7	65.2	72.7	71.4	67.1
June 1992	75.7	70.0	69.8	76.8	69.5	67.5	75.9	69.9	69.5	77.5	77.0	72.7
Florida												
June 1993	74.5	61.5	64.3	76.1	W	57.8	74.7	61.2	63.3	75.0	72.7	65.2
May 1993	73.5	65.9	67.4	73.7	W	62.9	73.5	65.5	66.6	74.5	74.0	68.6
June 1992	75.1	69.6	70.5	77.2	W	67.6	75.4	69.1	70.0	79.4	77.1	71.8
Georgia												
June 1993	69.5	63.2	60.5	71.4	-	57.3	69.7	63.2	60.1	71.7	70.9	63.3
May 1993	69.3	66.4	64.8	70.7	W	62.1	69.5	66.4	64.5	71.2	72.1	66.5
June 1992	73.3	71.7	69.2	75.0	-	67.2	73.5	71.7	69.0	76.7	76.3	73.0
North Carolina												
June 1993	70.9	61.3	59.8	W	-	57.4	70.4	61.3	59.5	71.2	66.1	65.1
May 1993	70.9	65.1	64.3	W	-	61.7	70.5	65.1	64.1	71.6	68.9	66.6
June 1992	76.4	68.2	69.3	W	-	67.3	76.0	68.2	69.2	75.7	76.0	72.2
South Carolina												
June 1993	67.8	61.3	59.4	W	W	57.3	67.8	61.2	59.2	71.2	66.1	61.8
May 1993	67.4	65.3	64.1	W	-	61.9	67.4	65.3	63.8	71.6	70.3	65.4
June 1992	74.7	71.9	69.4	W	-	67.5	74.7	71.9	69.2	77.3	76.9	73.8
Virginia												
June 1993	77.7	65.4	62.7	W	59.8	57.6	74.4	63.4	62.1	73.1	68.7	65.6
May 1993	77.2	67.6	66.1	W	64.7	62.9	73.8	66.7	65.8	73.0	70.8	67.7
June 1992	80.3	69.6	70.1	W	W	67.5	79.0	68.6	69.8	77.8	77.9	71.5
West Virginia												
June 1993	81.3	72.2	64.5	W	W	60.0	79.5	73.7	63.5	74.7	70.2	70.1
May 1993	80.9	74.6	67.3	W	W	65.0	79.4	72.9	66.8	76.1	72.8	72.4
June 1992	85.3	78.1	72.1	W	W	68.7	82.7	76.8	71.3	80.7	79.2	77.3
PAD District II Average												
June 1993	75.3	66.6	62.4	72.8	63.4	60.2	74.5	66.4	61.8	75.1	73.6	64.7
May 1993	77.2	68.6	66.7	74.0	65.2	64.1	76.2	68.3	65.9	76.3	76.0	68.1
June 1992	80.7	73.4	71.0	77.8	72.2	69.2	79.8	73.3	70.4	80.5	80.4	72.7
Illinois												
June 1993	73.9	63.7	61.9	W	W	60.4	72.4	63.3	61.6	74.7	73.4	64.3
May 1993	76.0	66.0	66.4	W	W	63.7	74.0	66.0	65.8	75.9	77.0	67.0
June 1992	78.9	70.7	69.3	W	W	69.9	78.4	70.7	69.4	80.5	80.9	73.2
Indiana												
June 1993	76.2	61.7	61.6	W	W	59.7	75.6	61.5	61.3	75.5	70.1	65.5
May 1993	78.7	65.7	66.3	W	W	62.6	77.3	65.7	65.6	76.5	74.2	68.0
June 1992	79.7	71.3	70.3	W	W	67.9	79.0	71.2	69.7	79.5	76.8	71.1
Iowa												
June 1993	72.1	W	63.1	71.9	-	60.5	72.0	W	61.9	73.8	75.2	64.0
May 1993	77.9	W	67.7	74.8	-	64.9	75.6	W	66.4	76.7	78.0	68.0
June 1992	84.4	71.2	72.3	80.6	-	69.6	81.6	71.2	71.0	81.4	82.6	72.6
Kansas												
June 1993	73.6	63.1	61.8	73.2	W	59.0	73.4	62.8	59.8	75.3	74.9	64.3
May 1993	75.2	66.1	65.1	73.6	W	63.4	74.2	66.1	63.9	75.9	76.8	68.5
June 1992	81.0	W	70.5	78.2	W	68.1	79.3	70.1	68.7	81.5	81.2	70.8
Kentucky												
June 1993	76.6	68.2	62.3	76.3	-	57.2	76.6	68.2	61.7	75.3	69.5	65.6
May 1993	77.5	70.8	67.5	77.3	-	63.0	77.4	70.8	66.7	75.6	71.8	69.3
June 1992	84.4	76.3	72.0	81.6	-	68.1	84.0	76.3	71.7	80.5	75.6	74.3
Michigan												
June 1993	75.0	66.1	63.4	W	W	61.0	73.5	66.1	63.0	77.4	72.7	65.3
May 1993	77.9	66.9	67.7	W	W	65.3	76.6	66.8	67.3	79.1	75.0	70.0
June 1992	78.6	72.5	71.4	W	-	70.1	76.3	72.5	71.2	80.3	81.1	74.0
Minnesota												
June 1993	78.8	65.9	65.3	81.7	W	62.8	79.6	65.6	64.3	79.2	77.3	66.8
May 1993	81.7	67.3	69.2	83.9	W	66.7	82.2	67.7	68.1	81.1	78.8	69.3
June 1992	85.2	72.7	74.2	89.0	W	71.8	86.2	72.5	73.2	85.1	83.2	75.5
Missouri												
June 1993	73.3	W	62.1	71.4	-	59.5	72.4	W	61.3	71.7	72.8	63.6
May 1993	73.8	65.3	66.0	71.4	W	63.6	72.6	65.3	65.2	72.8	74.9	67.0
June 1992	79.8	72.2	70.9	78.1	W	68.9	79.0	72.2	70.2	77.3	81.3	71.4

See footnotes at end of table.

**Table 32. Refiner/Reseller Unleaded Regular Gasoline Prices
by Seller, PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Nebraska												
June 1993	W	W	63.1	74.3	W	60.9	76.6	62.8	62.1	78.0	74.8	65.6
May 1993	W	W	67.8	76.3	W	65.3	77.3	66.1	66.5	79.1	76.6	69.0
June 1992	W	W	72.2	79.1	-	70.5	80.3	W	71.3	80.9	73.5	73.6
North Dakota												
June 1993	84.9	W	67.2	W	-	63.0	84.2	W	64.9	88.4	83.5	67.1
May 1993	85.2	W	70.8	W	-	67.4	85.1	W	68.9	88.3	84.2	71.2
June 1992	89.1	W	74.8	W	-	73.1	88.7	W	73.9	86.0	84.9	76.0
Ohio												
June 1993	75.9	69.8	63.9	W	W	60.6	75.4	69.9	63.7	76.2	72.0	64.3
May 1993	77.9	72.1	67.9	W	W	64.2	77.5	72.1	67.6	76.5	73.9	68.4
June 1992	81.4	76.7	71.7	W	W	69.6	81.1	76.7	71.5	79.9	77.9	72.4
Oklahoma												
June 1993	71.8	61.4	60.0	72.4	W	59.2	72.0	61.2	59.6	70.4	67.8	62.6
May 1993	71.7	65.1	63.0	72.2	W	62.2	71.9	64.0	62.6	72.5	70.7	65.5
June 1992	75.7	68.5	68.1	76.0	-	66.8	75.8	68.5	67.4	76.7	76.0	70.6
South Dakota												
June 1993	W	67.0	65.4	W	-	63.5	80.7	67.0	64.6	81.8	78.7	69.6
May 1993	W	68.3	69.4	W	-	67.2	80.7	68.3	68.4	82.2	79.3	73.1
June 1992	W	W	75.4	W	W	73.6	W	W	74.8	89.6	87.2	79.5
Tennessee												
June 1993	73.1	62.2	60.0	76.0	NA	57.2	74.3	62.3	59.6	70.8	65.2	63.4
May 1993	73.2	64.0	64.5	73.3	66.5	61.8	73.2	64.2	64.1	70.6	69.1	66.7
June 1992	79.4	70.1	69.8	77.0	W	66.6	78.5	70.2	69.2	75.4	74.3	71.3
Wisconsin												
June 1993	72.8	62.6	62.0	W	W	59.8	73.1	61.7	61.2	75.9	75.6	64.1
May 1993	73.8	66.4	66.1	W	W	64.6	73.4	66.1	65.6	77.9	76.8	68.1
June 1992	81.8	71.3	71.3	W	W	70.2	81.3	70.8	70.9	83.6	81.4	72.4
PAD District III Average												
June 1993	75.2	63.7	60.4	75.1	68.2	57.7	75.1	62.1	59.2	74.5	70.4	62.6
May 1993	75.0	66.4	64.3	75.3	63.4	61.9	75.1	65.5	63.3	74.9	72.4	65.4
June 1992	79.5	69.7	68.4	78.3	69.2	66.8	79.0	69.6	67.9	78.5	77.6	70.4
Alabama												
June 1993	73.9	59.8	59.5	74.3	W	57.4	74.0	59.7	59.0	74.8	67.5	66.4
May 1993	73.5	64.2	64.0	72.6	W	62.5	73.3	64.1	63.7	75.4	70.2	69.6
June 1992	78.6	69.1	69.2	77.9	W	67.7	78.4	69.1	68.9	79.7	79.0	75.2
Arkansas												
June 1993	73.1	W	59.9	W	W	57.3	73.8	62.1	59.8	73.0	65.5	62.0
May 1993	73.3	W	64.4	W	-	62.4	72.7	W	63.5	73.3	67.5	65.4
June 1992	77.9	70.7	69.3	W	W	67.0	76.2	70.4	68.4	76.3	77.3	69.8
Louisiana												
June 1993	74.0	60.3	60.5	74.2	W	56.4	74.0	60.2	59.2	73.4	68.9	62.7
May 1993	73.8	63.6	63.6	72.7	W	61.6	73.6	63.6	63.1	73.5	71.1	65.8
June 1992	78.6	68.1	67.7	77.3	68.0	65.9	78.3	68.1	67.1	76.2	77.8	73.8
Mississippi												
June 1993	72.2	61.1	58.0	76.6	67.3	58.5	74.2	68.7	67.5	72.3	68.7	65.1
May 1993	72.7	W	62.9	73.3	62.6	61.4	72.9	63.0	62.4	73.9	73.4	67.9
June 1992	76.8	69.5	68.5	76.9	66.2	66.4	76.6	68.9	67.7	77.9	76.2	70.9
New Mexico												
June 1993	85.5	76.6	71.7	89.9	72.8	68.4	88.6	74.9	70.2	85.1	80.1	76.1
May 1993	89.7	77.2	74.8	92.5	75.0	71.0	91.6	78.7	73.2	87.0	80.9	77.8
June 1992	85.2	W	73.8	90.6	74.0	72.6	86.9	74.6	73.3	85.9	82.5	78.4
Texas												
June 1993	75.3	64.4	60.3	79.8	W	57.4	74.6	61.6	59.9	74.2	72.9	61.7
May 1993	74.9	66.6	64.1	74.0	62.6	61.4	74.5	64.9	62.8	74.0	74.0	64.3
June 1992	79.6	69.6	68.0	77.5	68.6	66.5	78.7	69.3	67.5	78.4	76.4	69.2
PAD District IV Average												
June 1993	77.4	68.5	68.1	81.4	69.4	68.5	79.4	69.0	67.5	79.7	78.4	70.0
May 1993	80.2	69.2	68.7	84.5	68.9	67.0	82.2	69.1	68.0	79.8	79.4	71.7
June 1992	88.2	78.6	79.0	88.9	85.8	78.2	88.5	83.5	76.7	88.5	88.2	82.7

See footnotes at end of table.

**Table 32. Refiner/Reseller Unleaded Regular Gasoline Prices
by Seller, PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Colorado												
June 1993	78.0	W	66.2	81.4	W	63.1	79.9	W	64.9	80.0	77.0	67.2
May 1993	81.9	W	69.5	84.9	W	65.2	83.6	W	67.5	83.4	77.1	71.0
June 1992	89.8	W	79.8	88.8	W	77.7	89.2	W	78.9	89.6	89.3	81.4
Idaho												
June 1993	-	W	68.9	W	-	68.7	W	W	68.8	76.0	77.2	72.2
May 1993	-	W	68.1	W	-	68.4	W	W	68.2	74.9	78.9	73.3
June 1992	W	W	78.6	W	-	78.4	80.7	W	78.5	86.6	86.2	82.0
Montana												
June 1993	-	W	72.3	W	NA	72.2	W	NA	72.3	85.8	82.3	73.5
May 1993	-	W	70.0	W	W	70.0	W	NA	70.0	83.5	80.8	71.8
June 1992	W	W	81.5	W	NA	80.5	W	NA	81.1	92.5	88.6	84.8
Utah												
June 1993	75.2	67.5	66.6	W	W	65.8	75.3	68.1	66.4	77.1	73.4	70.5
May 1993	75.4	68.0	67.2	W	W	66.8	75.4	67.4	67.1	75.7	76.7	70.9
June 1992	82.9	76.3	76.4	W	W	75.9	82.9	77.0	76.2	84.0	84.8	80.7
Wyoming												
June 1993	W	75.5	69.1	84.7	W	67.9	83.6	72.7	68.5	85.0	81.3	72.2
May 1993	W	73.1	69.6	83.5	W	68.9	82.1	71.2	69.2	84.0	82.4	74.0
June 1992	W	85.8	80.6	94.1	W	80.5	92.3	80.6	80.6	94.8	90.9	84.6
PAD District V Average												
June 1993	79.5	70.2	71.2	83.1	74.5	63.7	80.5	71.5	69.8	83.6	77.3	70.1
May 1993	78.6	72.1	71.9	80.3	76.0	67.0	79.1	73.1	71.0	83.1	78.6	71.6
June 1992	86.6	75.6	77.6	87.6	77.0	70.2	86.8	76.1	76.0	90.0	85.4	74.3
Alaska												
June 1993	W	W	75.6	99.3	NA	W	98.7	NA	75.0	120.2	107.1	86.8
May 1993	W	W	75.3	99.0	75.2	W	98.3	75.8	74.1	121.5	NA	86.6
June 1992	W	W	78.2	102.2	81.4	W	101.3	81.9	77.4	NA	104.4	92.6
Arizona												
June 1993	83.0	74.0	74.1	W	W	69.0	83.4	74.5	73.4	84.8	74.9	76.4
May 1993	83.1	75.9	75.0	W	W	72.1	83.7	77.8	74.6	85.4	77.5	78.6
June 1992	86.2	W	79.3	W	79.8	75.0	86.5	79.3	78.7	88.4	84.9	80.9
California												
June 1993	78.5	68.1	70.8	79.3	W	61.9	78.7	67.7	69.0	78.2	74.7	67.4
May 1993	78.0	70.6	72.1	75.9	W	65.9	77.3	70.8	70.9	78.8	77.3	69.8
June 1992	86.3	74.0	77.4	84.3	72.1	68.8	85.7	73.6	75.4	88.4	83.3	71.2
Hawaii												
June 1993	W	W	94.1	W	W	W	102.2	73.6	92.4	113.7	95.1	102.7
May 1993	W	W	94.9	W	W	W	102.1	W	93.4	113.8	95.1	107.0
June 1992	W	W	90.9	W	W	W	101.7	79.2	87.1	W	103.2	100.8
Nevada												
June 1993	W	70.6	67.8	W	W	66.8	78.4	69.6	67.8	84.4	73.1	65.7
May 1993	W	72.6	67.8	W	W	70.8	73.6	72.6	68.6	83.4	75.7	68.4
June 1992	85.2	78.4	76.7	W	W	75.4	85.4	78.6	76.4	91.9	81.0	77.1
Oregon												
June 1993	85.4	72.1	72.0	W	W	NA	86.1	74.1	71.4	86.2	82.1	75.6
May 1993	84.1	69.4	70.6	W	W	68.2	84.8	72.2	70.3	84.1	81.1	75.9
June 1992	94.1	78.1	76.8	W	W	74.8	95.5	84.5	76.6	92.3	88.6	81.9
Washington												
June 1993	77.6	70.0	70.0	W	-	67.3	78.7	70.0	69.7	82.8	79.3	72.1
May 1993	74.2	68.4	68.6	W	-	67.1	75.5	68.4	68.3	79.4	78.1	71.6
June 1992	84.6	76.9	76.7	W	W	76.6	86.9	76.6	76.7	88.6	87.1	79.0

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Sources: Refiners and Gas Plant Operators: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report;" Resellers: Energy Information Administration Form EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

**Table 33. Refiner/Reseller Unleaded Midgrade Gasoline Prices
by Seller, PAD District, and State**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
U.S. Average												
June 1993	85.1	70.3	70.3	82.9	68.4	63.0	84.6	69.9	69.7	82.4	77.0	70.7
May 1993	85.6	73.2	72.7	82.3	69.8	67.3	84.9	72.3	72.3	82.8	78.8	73.2
June 1992	89.2	77.3	77.1	86.4	75.1	72.3	88.7	76.7	76.7	87.4	83.8	78.1
PAD District I Average												
June 1993	85.4	67.3	69.6	81.8	68.6	62.9	84.9	67.8	69.3	82.4	75.3	70.3
May 1993	84.5	70.4	71.6	80.3	69.3	66.6	84.0	69.9	71.4	82.4	76.3	71.9
June 1992	88.1	74.3	76.2	85.4	74.6	72.1	87.8	74.4	76.0	87.9	82.4	78.1
Subdistrict IA Average												
June 1993	89.3	70.0	70.5	-	W	60.5	89.3	68.5	70.1	85.2	72.3	68.3
May 1993	88.5	70.6	71.6	-	W	64.1	88.5	68.2	71.4	84.5	73.6	69.7
June 1992	93.8	78.2	78.4	-	W	W	93.8	76.1	78.3	92.2	79.9	79.0
Connecticut												
June 1993	W	72.3	70.6	-	-	W	W	72.3	70.2	86.0	70.2	NA
May 1993	W	72.6	71.5	-	W	W	W	69.7	71.3	85.9	71.5	68.0
June 1992	W	78.6	77.6	-	NA	W	W	77.8	77.5	91.0	80.5	80.8
Maine												
June 1993	-	W	65.7	-	W	W	-	W	65.7	90.0	78.5	70.3
May 1993	-	W	66.6	-	W	W	-	W	66.6	87.7	78.6	67.9
June 1992	-	W	75.8	-	W	W	-	W	75.7	96.0	83.3	77.4
Massachusetts												
June 1993	89.9	66.3	71.9	-	W	W	89.9	64.6	71.6	83.9	69.9	68.3
May 1993	89.0	67.6	73.3	-	W	W	89.0	66.6	73.2	82.7	72.1	70.6
June 1992	94.9	77.9	80.2	-	W	W	94.9	72.8	80.0	91.5	78.6	77.6
New Hampshire												
June 1993	88.8	-	70.1	-	W	W	88.8	W	69.8	87.4	73.2	75.1
May 1993	87.9	-	71.4	-	W	W	87.9	W	71.1	87.3	73.1	75.6
June 1992	95.8	-	78.1	-	W	W	95.8	W	W	94.6	79.3	80.3
Rhode Island												
June 1993	82.6	W	69.1	-	W	W	82.6	W	68.6	78.8	69.5	64.6
May 1993	81.9	W	70.4	-	-	W	81.9	W	69.9	80.0	71.3	67.5
June 1992	89.0	W	77.6	-	W	W	89.0	W	77.2	89.6	74.3	76.5
Vermont												
June 1993	-	-	W	-	-	W	-	-	W	89.6	77.9	77.6
May 1993	-	-	W	-	-	W	-	-	72.7	88.6	78.9	78.3
June 1992	-	-	W	-	-	W	-	-	W	93.4	82.6	82.1
Subdistrict IB Average												
June 1993	84.8	69.7	70.6	W	69.7	66.4	84.3	69.7	W	79.1	74.4	69.8
May 1993	83.7	72.0	71.2	W	70.5	69.1	83.2	71.2	W	79.4	75.6	71.5
June 1992	89.3	74.1	76.9	W	79.2	74.5	89.0	75.8	76.8	88.0	81.9	78.1
Delaware												
June 1993	W	64.2	67.1	-	-	W	W	64.2	66.1	76.5	74.2	70.0
May 1993	W	W	68.0	-	-	W	W	W	67.5	78.0	76.1	71.2
June 1992	W	W	74.5	-	-	69.4	W	W	74.3	86.9	81.5	75.4
District of Columbia												
June 1993	-	W	75.4	-	-	-	-	W	75.4	W	66.3	NA
May 1993	-	W	75.5	-	-	-	-	W	75.5	W	68.5	67.0
June 1992	-	W	79.6	-	-	-	-	W	79.6	W	W	W
Maryland												
June 1993	-	65.5	70.9	W	-	W	W	65.5	71.1	81.9	76.8	68.8
May 1993	-	68.5	72.6	-	W	72.9	-	67.8	72.6	81.9	77.7	71.2
June 1992	-	72.0	77.4	W	-	W	W	72.0	77.6	89.5	82.1	78.6
New Jersey												
June 1993	90.2	68.3	72.2	-	W	60.9	90.2	85.1	71.9	85.6	74.4	NA
May 1993	89.6	71.5	72.6	-	W	63.8	89.6	66.5	72.4	85.7	74.6	68.0
June 1992	93.8	74.1	79.2	-	W	68.8	93.8	73.7	78.6	91.6	80.5	81.1
New York												
June 1993	84.4	77.2	72.4	W	W	W	82.7	69.9	72.2	82.3	70.0	71.4
May 1993	83.2	77.7	72.4	W	W	W	81.7	75.2	72.3	82.5	72.7	72.6
June 1992	88.0	76.0	77.9	W	W	W	87.0	75.6	77.8	88.5	80.5	78.2
Pennsylvania												
June 1993	82.2	70.1	67.8	W	76.8	64.0	82.6	75.0	67.7	75.6	77.1	72.4
May 1993	81.1	72.7	68.2	W	W	68.8	81.4	75.4	68.2	75.9	77.3	73.6
June 1992	87.9	74.5	74.5	W	W	73.3	88.1	80.7	74.5	86.5	83.6	76.4

See footnotes at end of table.

**Table 33. Refiner/Reseller Unleaded Midgrade Gasoline Prices
by Seller, PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Subdistrict IC Average												
June 1993	85.3	65.6	68.7	82.1	68.1	61.1	84.9	66.3	68.3	83.0	77.0	71.2
May 1993	84.6	69.7	71.9	80.7	69.5	65.7	84.1	69.6	71.5	83.1	77.6	72.9
June 1992	87.1	73.9	75.0	85.1	72.4	70.8	86.8	73.2	74.8	86.8	83.5	77.9
Florida												
June 1993	88.1	64.2	73.3	W	W	61.5	88.0	64.6	72.5	85.8	77.8	72.5
May 1993	87.0	68.5	74.9	W	W	66.1	86.6	68.4	74.1	85.6	78.7	73.7
June 1992	87.4	73.5	76.1	86.3	W	71.0	87.3	72.2	75.7	89.5	82.2	77.7
Georgia												
June 1993	80.3	65.0	66.6	79.1	-	60.1	80.2	65.0	66.2	81.7	76.7	69.3
May 1993	80.1	68.9	70.3	78.5	W	65.0	80.0	68.9	70.0	81.1	79.8	71.1
June 1992	83.6	74.2	74.0	83.4	-	70.4	83.6	74.2	73.7	86.5	82.8	78.0
North Carolina												
June 1993	81.6	W	64.8	W	-	60.7	81.1	W	64.7	80.5	72.4	71.3
May 1993	81.4	69.9	69.3	W	-	64.9	80.9	69.9	69.2	81.1	72.2	72.4
June 1992	86.6	72.3	74.0	W	-	70.3	86.3	72.3	73.9	84.4	84.5	77.8
South Carolina												
June 1993	78.1	W	64.5	W	-	60.0	78.1	W	64.3	82.7	NA	67.4
May 1993	77.7	68.9	69.1	W	-	64.7	77.7	68.9	68.8	82.7	75.6	70.7
June 1992	84.7	76.4	74.3	W	-	70.9	84.7	76.4	74.0	87.8	81.7	76.1
Virginia												
June 1993	90.5	66.9	68.7	W	W	61.7	87.0	65.7	68.6	83.3	81.3	73.0
May 1993	90.2	70.2	72.0	W	W	65.4	86.6	69.2	71.7	83.8	80.3	76.0
June 1992	91.2	72.1	75.4	W	W	70.2	88.8	71.7	75.3	86.7	85.8	78.2
West Virginia												
June 1993	93.3	W	69.3	W	W	65.7	90.5	79.9	69.1	83.1	76.0	77.7
May 1993	91.4	79.5	71.5	W	W	W	89.3	79.2	71.5	83.7	76.7	78.0
June 1992	96.7	84.3	76.7	W	W	W	92.8	82.6	W	89.6	83.0	82.5
PAD District II Average												
June 1993	84.2	73.3	69.6	81.8	73.6	63.9	83.8	73.3	W	81.5	78.5	70.7
May 1993	85.8	75.3	73.3	82.4	W	67.5	85.3	75.5	W	82.5	81.0	73.5
June 1992	88.8	81.6	76.1	85.8	81.4	72.7	88.3	81.6	W	86.4	85.7	78.4
Illinois												
June 1993	84.0	W	71.4	W	-	63.7	83.3	W	71.2	80.4	78.3	71.8
May 1993	86.0	W	74.9	W	-	68.5	84.9	W	74.8	81.2	80.8	74.8
June 1992	87.9	W	73.1	W	-	73.5	87.6	W	73.1	86.8	85.3	82.4
Indiana												
June 1993	83.1	W	69.9	W	-	W	82.5	W	69.2	82.2	75.6	73.3
May 1993	85.4	W	74.0	W	-	W	84.5	W	73.2	83.8	79.0	75.5
June 1992	86.3	W	76.2	W	-	74.0	85.9	W	76.0	86.0	82.1	75.6
Iowa												
June 1993	W	-	66.7	78.0	-	W	77.8	-	66.7	78.9	79.4	69.4
May 1993	W	-	72.3	81.3	-	W	81.0	-	72.3	80.4	82.0	74.0
June 1992	-	-	75.8	85.4	-	W	85.4	-	75.7	85.6	87.4	77.0
Kansas												
June 1993	83.7	W	70.3	81.8	-	63.0	83.4	W	70.0	82.8	80.8	73.0
May 1993	85.5	W	73.9	83.4	-	W	85.2	W	71.5	83.9	81.3	73.3
June 1992	89.1	W	78.4	88.7	-	72.6	89.0	W	78.1	87.7	89.6	76.4
Kentucky												
June 1993	87.5	W	67.9	84.9	-	60.7	87.4	W	67.7	83.2	75.2	72.6
May 1993	88.1	W	72.4	82.2	-	65.2	87.9	W	72.1	84.2	77.0	74.8
June 1992	93.2	W	77.1	85.7	-	69.8	92.9	W	76.9	87.2	83.1	80.8
Michigan												
June 1993	83.2	W	70.1	W	-	W	83.2	W	69.7	83.9	78.8	71.2
May 1993	86.1	W	74.2	W	-	W	85.9	W	73.8	86.0	80.1	76.0
June 1992	86.9	W	76.6	W	-	73.1	86.0	W	76.5	86.5	86.3	79.2
Minnesota												
June 1993	86.4	W	73.9	90.6	W	W	87.2	85.2	72.3	84.3	80.9	69.8
May 1993	89.1	W	77.5	92.1	-	W	89.7	W	76.0	84.1	84.3	70.9
June 1992	97.3	W	80.8	94.4	-	W	96.6	W	80.8	89.7	87.9	78.8
Missouri												
June 1993	84.8	67.9	72.2	81.1	-	82.3	83.5	67.9	71.6	78.4	74.4	68.5
May 1993	85.2	69.0	73.3	81.2	-	67.0	84.0	69.0	72.6	79.2	79.7	72.0
June 1992	89.3	W	77.5	87.8	-	72.1	89.0	W	77.0	84.6	89.4	77.5

See footnotes at end of table.

**Table 33. Refiner/Reseller Unleaded Midgrade Gasoline Prices
by Seller, PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Nebraska												
June 1993	W	-	-	W	-	W	82.1	-	W	85.1	79.9	70.
May 1993	W	-	-	W	-	W	82.0	-	W	85.6	79.6	74.
June 1992	W	-	W	W	-	-	81.8	-	W	91.3	W	79.
North Dakota												
June 1993	W	-	W	-	-	-	W	-	W	91.9	NA	73.
May 1993	W	-	W	-	-	-	W	-	W	92.8	NA	78.
June 1992	94.9	-	W	-	-	-	94.9	-	W	93.4	91.1	81.1
Ohio												
June 1993	84.3	W	71.6	NA	W	67.5	83.9	73.6	71.4	81.1	81.9	68.1
May 1993	86.2	W	74.8	81.3	W	70.8	86.0	75.2	74.6	82.2	84.6	73.1
June 1992	89.4	82.2	78.7	86.0	W	74.1	89.2	82.3	78.3	86.6	85.9	75.1
Oklahoma												
June 1993	80.8	W	63.0	79.9	W	62.1	80.6	63.3	62.9	75.4	69.1	66.1
May 1993	80.4	W	67.5	79.9	-	62.9	80.3	W	65.7	78.2	72.4	69.1
June 1992	82.8	W	72.4	81.5	W	71.5	82.5	70.9	72.3	81.6	NA	76.2
South Dakota												
June 1993	W	-	W	W	-	-	W	-	W	84.6	86.7	73.5
May 1993	W	-	W	W	-	-	W	-	W	86.1	87.1	76.1
June 1992	W	-	W	W	-	-	W	-	W	86.5	95.7	75.6
Tennessee												
June 1993	83.7	65.8	65.7	W	W	60.0	83.8	65.2	65.5	80.7	70.7	70.4
May 1993	83.8	70.6	69.8	W	-	65.1	83.0	70.6	69.5	80.5	73.3	72.9
June 1992	88.2	73.9	75.0	W	W	69.8	87.2	73.5	74.8	85.4	81.5	77.6
Wisconsin												
June 1993	83.5	W	68.8	W	-	W	82.7	W	68.1	82.9	85.4	69.5
May 1993	84.8	-	72.2	W	-	W	83.8	-	71.8	84.7	85.0	73.3
June 1992	92.6	-	76.6	87.2	-	W	91.3	-	76.4	89.5	86.9	77.4
PAD District III Average												
June 1993	86.3	63.0	66.1	83.6	60.8	61.3	85.4	62.5	65.1	82.5	74.8	70.5
May 1993	85.9	67.2	69.7	83.4	67.3	68.0	85.1	67.2	69.0	82.8	77.1	73.7
June 1992	89.7	72.3	74.1	87.0	70.4	71.3	88.8	71.9	73.6	85.7	81.0	77.3
Alabama												
June 1993	83.9	62.3	65.0	82.2	-	60.7	83.6	62.3	64.6	83.9	78.7	72.7
May 1993	83.7	66.9	69.4	81.2	W	65.6	83.3	66.8	68.9	84.5	81.3	75.1
June 1992	88.5	72.7	74.4	85.7	W	71.6	88.0	72.6	74.1	87.5	83.7	80.8
Arkansas												
June 1993	83.1	-	64.6	W	-	60.3	85.1	-	63.4	81.7	69.4	66.5
May 1993	83.8	W	68.9	W	W	65.6	84.3	W	68.0	81.9	70.5	70.0
June 1992	85.7	-	73.8	W	-	70.1	85.8	-	72.8	83.4	81.1	73.8
Louisiana												
June 1993	85.8	W	67.1	84.5	W	61.2	85.6	W	65.9	82.8	76.4	70.7
May 1993	85.6	W	70.3	83.4	W	66.4	85.3	67.0	69.6	82.6	80.2	73.8
June 1992	88.8	W	72.8	87.8	W	70.9	88.7	W	72.5	83.1	83.1	78.5
Mississippi												
June 1993	81.9	W	63.9	83.3	61.7	60.3	82.5	63.0	63.2	81.5	73.1	72.7
May 1993	81.8	W	68.5	80.7	68.5	65.2	81.3	66.1	67.8	82.9	75.1	75.1
June 1992	86.1	71.8	73.6	84.0	71.0	70.5	85.3	71.6	73.1	85.5	82.4	77.3
New Mexico												
June 1993	W	-	77.8	-	-	73.4	W	-	76.5	91.8	NA	75.6
May 1993	W	-	81.3	-	W	76.1	W	W	80.4	93.7	NA	80.0
June 1992	W	-	76.7	-	-	81.4	W	-	78.1	94.0	NA	75.4
Texas												
June 1993	86.8	63.8	66.4	83.4	W	61.3	85.4	62.4	W	81.8	74.5	70.8
May 1993	86.0	67.5	69.6	83.5	66.7	66.0	85.2	67.2	W	81.7	76.0	73.9
June 1992	90.1	72.4	74.5	87.2	W	71.4	89.1	71.6	W	86.2	79.8	76.9
PAD District IV Average												
June 1993	86.0	W	71.9	W	-	70.2	87.6	W	71.8	NA	72.1	74.2
May 1993	88.1	-	74.5	W	W	73.2	89.9	W	74.4	86.9	73.9	74.0
June 1992	93.9	-	85.4	W	-	78.0	94.8	-	83.8	92.3	87.7	83.7

See footnotes at end of table.

**Table 33. Refiner/Reseller Unleaded Midgrade Gasoline Prices
by Seller, PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Colorado												
June 1993	87.5	-	71.6	W	-	68.8	88.8	-	71.4	NA	70.0	71.0
May 1993	90.5	-	75.3	W	W	71.6	91.8	W	75.0	92.3	72.7	73.8
June 1992	97.0	-	86.2	W	-	77.9	96.9	-	84.0	94.0	84.4	85.0
Idaho												
June 1993	-	-	W	-	-	-	-	-	W	NA	-	NA
May 1993	-	-	W	-	-	-	-	-	W	84.8	W	W
June 1992	-	-	-	-	-	-	-	-	-	87.0	85.1	W
Montana												
June 1993	-	-	-	-	-	-	-	-	-	W	W	W
May 1993	-	-	-	-	-	-	-	-	-	W	W	W
June 1992	-	-	-	-	-	-	-	-	-	W	W	-
Utah												
June 1993	81.8	W	73.1	-	-	W	81.8	W	73.4	NA	-	73.3
May 1993	81.7	-	W	-	-	W	81.7	-	W	NA	-	74.6
June 1992	87.4	-	W	-	-	W	87.4	-	W	86.8	W	81.5
Wyoming												
June 1993	-	-	W	-	-	-	-	-	W	84.2	W	W
May 1993	-	-	W	-	-	-	-	-	W	86.1	W	W
June 1992	-	-	W	-	-	-	-	-	W	W	-	84.5
PAD District V Average												
June 1993	85.5	74.1	77.5	81.3	W	66.0	84.4	74.3	76.5	86.9	80.7	74.1
May 1993	86.7	76.2	78.2	78.5	W	70.9	84.5	76.5	77.6	87.8	83.0	79.5
June 1992	92.3	79.5	83.6	83.1	W	74.5	90.8	79.7	83.1	94.3	89.3	78.6
Alaska												
June 1993	-	-	-	-	-	-	-	-	-	-	W	W
May 1993	-	-	-	-	-	-	-	-	-	-	W	W
June 1992	-	-	-	-	-	-	-	-	-	-	W	W
Arizona												
June 1993	84.9	-	78.0	-	-	W	84.9	-	78.4	90.6	77.0	75.0
May 1993	83.0	-	75.5	-	-	W	83.0	-	76.1	92.2	80.4	78.9
June 1992	88.1	-	83.5	-	-	W	88.1	-	83.9	90.5	-	81.7
California												
June 1993	85.4	72.8	77.2	80.8	W	65.9	84.2	72.7	76.1	84.6	80.2	74.3
May 1993	86.7	75.0	78.1	77.9	W	70.8	84.3	74.9	77.4	85.9	82.8	79.9
June 1992	92.2	78.6	83.6	W	W	74.3	90.5	78.5	83.0	94.4	88.9	77.8
Hawaii												
June 1993	W	W	99.3	W	W	W	109.5	W	99.1	117.1	NA	W
May 1993	W	W	99.8	W	W	W	109.5	W	99.6	117.2	NA	W
June 1992	W	W	96.1	W	W	W	116.1	W	96.0	W	W	W
Nevada												
June 1993	W	W	73.5	W	-	W	72.8	W	73.5	87.7	78.0	69.8
May 1993	W	W	72.0	W	-	-	70.6	W	72.0	86.2	80.1	73.1
June 1992	W	W	79.1	W	-	W	NA	W	79.0	93.7	W	86.6
Oregon												
June 1993	W	-	-	-	-	-	W	-	-	W	-	-
May 1993	W	-	-	-	-	-	W	-	-	W	-	-
June 1992	W	-	W	-	-	-	W	-	-	W	-	-
Washington												
June 1993	W	W	72.5	-	-	-	W	W	72.5	NA	W	W
May 1993	W	W	72.0	-	-	-	W	W	72.0	W	W	W
June 1992	-	-	W	-	-	-	-	-	W	-	W	W

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Sources: Refiners and Gas Plant Operators: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report;" Resellers: Energy Information Administration Form EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

**Table 34. Refiner/Reseller Premium Gasoline Prices
by Seller, PAD District, and State**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
U.S. Average												
June 1993	93.9	75.7	77.4	90.4	73.2	66.3	93.2	75.1	76.0	90.9	82.7	75.9
May 1993	94.4	78.8	79.5	90.7	75.1	70.4	93.7	77.9	78.4	91.3	84.9	77.7
June 1992	98.1	83.2	84.3	95.4	80.5	76.4	97.5	82.4	83.3	95.8	89.9	84.0
PAD District I Average												
June 1993	93.3	72.3	77.4	85.1	70.9	65.3	92.2	71.7	76.5	91.6	81.2	75.9
May 1993	93.6	75.2	79.1	88.3	73.0	69.3	93.0	74.2	78.5	91.5	82.9	77.2
June 1992	96.7	80.2	84.2	94.4	79.4	75.5	96.5	79.9	83.6	96.9	89.1	84.2
Subdistrict IA Average												
June 1993	98.0	72.7	77.0	-	W	65.3	98.0	68.9	76.6	93.7	77.7	76.8
May 1993	97.9	74.9	79.0	-	W	68.0	97.9	69.8	76.6	93.1	80.0	76.8
June 1992	103.1	85.0	86.4	-	W	W	103.1	82.7	86.1	100.1	84.4	86.6
Connecticut												
June 1993	W	W	78.1	-	W	W	W	69.9	77.7	96.7	75.8	79.6
May 1993	W	76.0	79.3	-	W	W	W	70.0	79.0	98.8	78.3	80.6
June 1992	W	83.8	85.5	-	NA	W	W	83.2	85.4	100.7	87.0	89.0
Maine												
June 1993	-	W	72.0	-	-	W	-	W	71.9	97.8	80.6	77.4
May 1993	-	W	74.2	-	W	W	-	W	74.1	96.0	82.4	75.5
June 1992	-	W	83.3	-	W	W	-	W	83.1	101.0	89.1	84.9
Massachusetts												
June 1993	98.6	73.4	77.1	-	W	W	98.6	68.4	76.7	92.1	75.6	73.5
May 1993	98.6	72.5	79.7	-	W	W	98.6	69.1	79.3	91.2	78.5	75.2
June 1992	104.4	85.1	87.6	-	NA	W	104.4	NA	87.3	99.5	81.6	85.1
New Hampshire												
June 1993	95.5	-	78.4	-	W	W	95.5	W	W	95.0	80.5	82.2
May 1993	94.9	W	79.8	-	W	W	94.9	W	78.9	94.1	82.2	83.0
June 1992	103.3	-	87.3	-	W	W	103.3	W	86.7	103.1	88.3	87.8
Rhode Island												
June 1993	90.3	W	77.6	-	-	W	90.3	W	77.0	85.1	77.2	68.3
May 1993	90.3	W	78.8	-	-	W	90.3	W	78.0	86.2	78.1	70.9
June 1992	97.1	W	85.9	-	-	W	97.1	W	84.9	96.5	82.1	81.4
Vermont												
June 1993	-	-	W	-	-	W	-	-	78.2	97.0	86.0	86.7
May 1993	-	-	W	-	-	W	-	-	79.0	96.3	86.5	85.1
June 1992	-	-	W	-	-	W	-	-	W	100.1	88.4	91.0
Subdistrict IB Average												
June 1993	91.4	74.4	78.5	90.8	71.7	68.3	91.4	72.8	77.7	88.2	80.6	73.9
May 1993	92.9	76.1	79.0	89.4	74.6	69.7	92.5	75.2	78.4	88.5	81.7	74.9
June 1992	97.3	79.9	85.3	96.2	83.1	75.9	97.2	81.4	84.7	96.5	88.8	82.3
Delaware												
June 1993	W	W	75.1	-	-	W	W	W	74.9	86.9	80.8	76.3
May 1993	W	W	76.1	-	-	W	W	W	75.5	87.9	81.8	75.8
June 1992	W	W	82.4	-	-	74.7	W	W	81.9	97.1	89.7	81.3
District of Columbia												
June 1993	-	W	83.3	-	-	W	-	W	83.3	W	70.5	87.7
May 1993	-	W	82.9	-	-	-	-	W	82.9	W	74.2	70.8
June 1992	-	W	87.6	-	-	W	-	W	87.3	W	85.6	77.1
Maryland												
June 1993	-	73.2	77.6	W	W	W	W	72.5	77.6	87.6	81.5	74.1
May 1993	-	75.5	79.0	-	W	73.3	-	73.7	78.5	88.1	82.0	75.8
June 1992	-	78.4	85.0	W	W	86.1	W	78.4	85.1	98.6	88.4	85.4
New Jersey												
June 1993	99.3	70.9	78.2	W	W	W	99.1	69.6	77.7	92.8	78.4	71.3
May 1993	98.8	74.0	79.3	W	W	88.4	98.6	72.6	79.1	93.3	81.1	71.1
June 1992	102.5	78.0	84.6	W	W	73.6	102.4	78.7	83.7	98.4	86.7	81.3
New York												
June 1993	NA	75.5	81.7	W	W	64.9	NA	72.7	80.8	92.0	75.9	72.9
May 1993	91.6	79.0	81.1	W	W	67.2	90.7	77.4	80.2	91.7	77.7	75.7
June 1992	93.7	82.4	87.8	W	W	74.7	93.4	81.7	87.3	97.3	85.9	82.2
Pennsylvania												
June 1993	89.3	78.8	74.8	94.3	76.1	64.9	90.0	76.9	73.7	83.0	85.8	77.3
May 1993	88.7	76.3	75.6	92.8	79.1	70.1	89.3	78.3	75.2	83.6	86.8	78.4
June 1992	96.9	84.3	83.0	99.9	W	75.4	97.3	87.8	82.4	94.6	93.2	82.7

See footnotes at end of table.

**Table 34. Refiner/Reseller Premium Gasoline Prices
by Seller, PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Subdistrict IC Average												
June 1993	94.1	71.3	76.2	82.8	70.8	64.5	92.3	71.2	75.2	92.7	82.3	77.3
May 1993	93.6	74.9	79.4	87.7	73.8	69.2	92.9	74.5	78.5	92.6	84.5	79.1
June 1992	95.6	80.2	82.2	93.5	76.6	75.0	95.4	78.9	81.6	96.4	90.6	85.0
Florida												
June 1993	96.7	W	82.0	92.9	W	65.3	96.4	88.8	80.7	94.8	83.3	79.9
May 1993	95.3	W	83.8	NA	W	70.5	94.9	72.9	82.8	94.4	84.4	80.3
June 1992	95.4	78.9	84.4	93.3	W	75.4	95.2	76.8	83.6	98.4	89.9	85.5
Georgia												
June 1993	89.1	70.4	72.9	85.5	-	64.0	88.7	70.4	72.1	91.4	84.4	76.9
May 1993	89.1	74.2	76.7	85.5	W	69.5	88.8	74.2	76.2	91.1	87.1	80.1
June 1992	92.5	79.4	80.5	92.2	-	75.1	92.5	79.4	80.0	96.0	90.3	85.2
North Carolina												
June 1993	91.4	69.7	70.6	W	-	64.0	90.1	69.7	70.0	90.6	77.9	76.5
May 1993	91.3	NA	75.1	W	-	67.9	90.2	NA	74.6	91.3	81.9	78.3
June 1992	95.9	W	79.8	W	-	75.4	95.5	W	79.5	94.5	89.3	84.9
South Carolina												
June 1993	85.4	70.9	70.6	W	-	63.7	85.3	70.9	70.0	94.0	80.4	72.9
May 1993	87.4	74.6	75.2	W	-	69.0	87.1	74.6	74.7	94.4	82.2	75.9
June 1992	93.8	79.9	80.2	W	-	75.1	93.9	78.9	79.8	97.7	89.6	82.7
Virginia												
June 1993	97.5	72.0	75.7	W	67.7	84.0	86.1	70.1	74.6	92.9	82.6	78.6
May 1993	97.5	75.5	78.8	W	72.8	87.1	94.2	74.3	77.6	92.3	83.9	79.0
June 1992	100.5	79.4	82.5	W	W	73.7	98.5	79.1	81.7	96.3	93.0	84.9
West Virginia												
June 1993	100.3	84.0	76.5	93.9	W	69.5	97.9	84.8	75.6	90.4	83.8	83.9
May 1993	99.4	86.8	79.1	94.0	W	73.1	97.4	85.3	78.3	91.5	85.8	85.6
June 1992	105.4	89.8	83.8	95.0	W	76.7	101.8	89.7	82.5	96.0	91.4	90.1
AD District II Average												
June 1993	92.0	76.9	73.7	86.9	71.8	68.0	90.7	76.6	72.4	87.7	81.7	74.0
May 1993	93.6	78.8	77.8	87.1	73.3	70.8	92.0	78.5	76.7	89.2	84.1	77.5
June 1992	96.4	85.1	81.4	91.6	80.7	75.8	95.2	84.9	80.4	92.5	89.3	82.2
Illinois												
June 1993	82.6	77.0	76.1	W	-	65.2	91.5	77.0	75.1	87.5	81.5	73.2
May 1993	94.4	78.0	80.3	W	-	68.4	91.7	78.0	79.6	88.2	84.4	76.3
June 1992	96.1	87.4	79.7	W	-	74.2	95.2	87.4	79.1	94.8	88.4	82.4
Indiana												
June 1993	88.6	72.2	73.9	W	W	65.4	87.5	69.8	72.7	90.0	83.0	77.0
May 1993	91.5	73.0	78.2	W	W	69.8	90.1	72.8	76.8	91.5	84.7	78.7
June 1992	92.3	83.2	81.9	W	-	74.9	91.2	83.2	80.7	90.4	89.9	81.5
Iowa												
June 1993	83.8	-	71.6	80.0	-	67.6	81.2	-	70.7	81.7	82.7	72.2
May 1993	89.5	-	75.5	84.1	-	71.8	85.9	-	74.7	85.5	86.3	73.5
June 1992	96.3	-	80.9	91.8	-	76.7	93.2	-	80.0	90.8	91.4	80.8
Kansas												
June 1993	93.7	W	70.9	83.9	W	66.7	88.2	W	68.9	87.3	81.3	72.6
May 1993	95.3	W	75.1	85.0	W	70.9	89.6	W	73.0	89.1	81.2	79.8
June 1992	88.3	W	79.8	86.9	W	75.6	93.3	W	77.7	92.6	85.0	79.4
Kentucky												
June 1993	95.0	82.1	73.5	NA	-	67.3	94.1	82.1	73.1	91.6	83.1	77.7
May 1993	96.0	84.9	78.1	85.5	-	71.8	94.9	84.9	77.5	92.2	84.7	80.6
June 1992	100.8	90.3	83.4	91.2	-	76.8	99.7	90.3	83.0	94.7	89.2	86.9
Michigan												
June 1993	91.0	76.6	74.9	W	-	67.9	86.7	76.6	74.0	89.7	84.1	74.4
May 1993	93.8	76.1	79.3	W	W	72.7	92.1	76.1	78.5	92.0	85.0	79.5
June 1992	95.5	83.1	82.7	W	-	78.5	93.2	83.1	82.2	93.7	91.8	84.5
Minnesota												
June 1993	92.7	W	75.4	95.3	-	69.5	93.3	W	74.2	NA	85.2	73.6
May 1993	95.8	W	79.4	97.3	-	73.1	96.1	W	77.6	NA	86.2	76.1
June 1992	96.7	W	83.9	100.3	W	78.6	97.6	W	82.1	92.0	90.3	82.6
Missouri												
June 1993	94.2	69.8	72.8	85.5	-	66.0	90.5	69.8	71.2	84.8	80.4	71.8
May 1993	95.0	72.9	76.5	85.5	-	70.8	90.9	72.9	75.3	86.1	82.1	76.0
June 1992	99.0	W	81.2	93.9	-	75.8	97.2	W	80.0	90.2	85.4	79.7

See footnotes at end of table.

**Table 34. Refiner/Reseller Premium Gasoline Prices
by Seller, PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Nebraska												
June 1993	W	-	73.2	W	W	67.7	88.9	W	72.1	85.5	80.2	71.8
May 1993	W	-	77.8	86.0	W	72.2	89.7	W	76.6	86.9	81.1	78.2
June 1992	W	-	81.3	90.5	-	77.1	93.8	-	80.4	92.2	W	80.1
North Dakota												
June 1993	99.3	-	79.9	-	-	70.4	99.3	-	77.0	93.7	90.9	NA
May 1993	98.5	W	83.4	W	-	74.6	98.0	W	80.7	94.7	89.6	78.6
June 1992	97.5	-	85.0	W	-	79.6	96.8	-	83.4	92.4	94.5	87.9
Ohio												
June 1993	92.5	80.7	75.8	W	W	87.2	91.8	80.8	75.3	87.3	78.6	74.3
May 1993	94.5	83.1	79.6	W	83.7	71.3	93.3	83.2	79.1	88.7	84.9	78.2
June 1992	97.4	89.2	83.4	W	W	77.4	96.9	89.1	83.1	93.0	85.8	80.6
Oklahoma												
June 1993	88.9	68.1	66.9	86.0	W	63.7	86.2	67.9	65.3	80.0	73.9	69.2
May 1993	88.6	72.0	69.9	85.9	W	69.5	87.9	71.3	69.8	82.7	76.4	73.5
June 1992	89.1	75.7	75.9	86.6	-	73.6	88.5	75.7	74.8	86.9	80.8	79.5
South Dakota												
June 1993	W	-	76.7	W	-	74.3	89.2	-	76.1	93.9	87.0	78.9
May 1993	W	-	80.0	W	-	76.7	87.0	-	79.0	94.5	84.5	80.7
June 1992	W	-	85.6	W	-	83.0	94.3	-	84.9	101.4	99.3	88.4
Tennessee												
June 1993	92.9	88.4	71.4	91.0	W	64.2	92.3	67.9	70.6	88.9	74.8	77.2
May 1993	93.1	73.6	75.7	88.5	W	68.9	91.5	73.1	74.9	88.9	78.4	79.1
June 1992	97.7	78.2	80.8	92.5	W	74.7	96.0	77.6	80.0	93.5	86.7	83.7
Wisconsin												
June 1993	88.0	72.5	72.6	W	W	67.1	87.7	78.9	71.2	87.9	86.1	72.7
May 1993	89.2	77.3	76.4	W	-	71.7	88.2	77.3	75.4	89.9	89.6	78.4
June 1992	96.8	W	81.1	W	W	77.6	95.7	W	80.4	95.2	88.0	80.6
PAD District III Average												
June 1993	93.8	71.0	71.5	92.6	66.4	63.7	93.4	70.1	69.4	90.7	78.4	75.7
May 1993	93.4	73.2	74.5	92.1	72.0	68.3	93.1	73.1	72.8	90.9	82.4	76.6
June 1992	97.0	77.6	78.6	95.3	80.5	73.8	96.5	77.9	77.5	93.0	85.9	82.7
Alabama												
June 1993	93.5	89.6	70.9	87.5	W	64.2	92.1	68.5	69.9	93.7	80.0	80.1
May 1993	93.3	74.2	75.3	86.4	W	69.5	91.7	73.7	74.4	94.5	82.5	83.3
June 1992	97.8	80.9	80.4	92.8	W	75.3	96.7	79.7	79.7	96.9	90.5	88.3
Arkansas												
June 1993	93.2	-	69.9	W	W	64.2	93.6	W	67.8	89.8	74.2	71.2
May 1993	94.0	W	74.2	W	-	69.3	92.1	W	72.7	89.7	76.1	74.6
June 1992	98.0	-	79.2	W	-	74.7	94.9	-	77.9	90.9	87.4	78.5
Louisiana												
June 1993	93.0	67.7	73.3	94.8	NA	83.5	93.3	68.3	70.9	90.9	81.7	77.6
May 1993	93.0	70.9	75.9	92.5	NA	67.4	93.0	71.5	74.0	91.0	86.1	81.4
June 1992	95.6	75.8	79.2	96.4	NA	74.0	95.7	76.9	78.2	89.4	84.5	83.7
Mississippi												
June 1993	91.0	W	88.7	89.3	64.5	64.5	90.2	68.2	67.9	90.2	79.1	78.4
May 1993	91.3	W	72.5	87.8	69.7	69.1	89.6	73.0	71.9	91.4	83.3	82.6
June 1992	95.1	76.7	75.4	89.6	W	73.7	92.6	76.3	75.1	93.7	88.2	81.2
New Mexico												
June 1993	104.7	W	81.0	101.2	-	76.2	102.2	W	79.8	93.2	89.8	84.3
May 1993	108.9	W	83.8	103.8	W	79.1	105.3	85.1	82.7	94.7	90.3	85.9
June 1992	101.9	W	82.9	103.0	-	80.8	102.7	W	82.5	96.7	91.1	88.7
Texas												
June 1993	93.9	71.5	71.4	92.1	86.1	63.0	93.4	70.1	68.9	89.2	80.0	74.6
May 1993	93.3	72.7	73.9	91.9	71.1	68.0	93.0	72.4	71.9	88.7	81.7	73.9
June 1992	97.1	77.3	78.5	95.2	81.9	73.3	96.6	77.8	77.1	92.8	83.6	81.6
PAD District IV Average												
June 1993	93.7	74.2	76.7	99.3	W	73.7	95.6	74.5	75.9	90.9	84.5	78.6
May 1993	95.4	W	77.3	101.6	W	74.7	97.4	74.5	76.6	90.1	86.5	78.7
June 1992	101.2	83.7	87.0	105.9	W	84.6	102.6	84.8	86.2	99.0	96.0	90.3

See footnotes at end of table.

**Table 34. Refiner/Reseller Premium Gasoline Prices
by Seller, PAD District, and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Colorado												
June 1993	97.4	W	75.9	100.4	W	69.7	98.6	73.3	74.0	95.9	80.7	76.1
May 1993	101.4	-	79.3	103.5	W	73.5	102.3	W	77.3	98.6	82.7	78.0
June 1992	105.8	W	88.8	106.8	W	83.1	106.2	W	86.5	102.3	94.4	88.9
Idaho												
June 1993	-	W	77.3	W	-	75.9	W	W	77.0	NA	87.9	79.6
May 1993	-	W	76.5	W	-	75.5	W	W	76.3	83.3	88.7	80.0
June 1992	W	-	86.7	W	-	86.0	100.3	-	86.6	96.6	97.6	91.2
Montana												
June 1993	-	-	80.8	W	-	80.1	W	-	80.6	94.7	89.8	81.8
May 1993	-	-	78.4	W	-	77.7	W	-	78.2	93.1	87.5	79.8
June 1992	W	-	88.6	W	-	88.4	W	-	88.5	100.0	100.5	92.4
Utah												
June 1993	87.5	W	74.7	W	W	73.3	87.5	74.1	74.4	NA	79.9	78.7
May 1993	86.6	W	75.3	W	W	74.0	86.6	W	75.0	86.1	85.6	78.1
June 1992	93.0	W	84.4	W	W	83.6	93.1	83.8	84.1	93.5	92.3	88.0
Wyoming												
June 1993	W	-	77.4	W	W	75.0	94.5	W	76.6	95.2	91.6	80.4
May 1993	W	W	77.8	W	W	75.5	92.1	W	76.9	93.9	92.5	80.9
June 1992	W	W	87.9	W	W	87.5	102.7	W	W	105.2	98.0	92.2
PAD District V Average												
June 1993	98.4	81.4	85.7	98.4	83.7	72.8	98.4	82.0	84.6	100.3	89.5	81.9
May 1993	96.1	85.7	86.2	96.0	85.2	76.7	97.7	85.6	85.5	99.9	92.2	86.2
June 1992	103.8	87.4	90.9	100.9	81.4	81.1	103.2	85.4	90.0	104.5	97.3	90.1
Alaska												
June 1993	W	W	86.3	106.3	W	W	105.1	80.6	84.6	NA	112.2	94.4
May 1993	W	W	85.7	107.3	W	W	105.8	W	83.5	NA	NA	96.5
June 1992	W	W	W	111.8	W	W	110.2	W	88.6	126.0	104.7	100.4
Arizona												
June 1993	98.9	W	85.5	W	-	78.3	98.9	W	85.2	99.9	85.1	87.6
May 1993	98.7	W	86.4	W	-	81.6	98.9	W	86.2	100.4	86.1	91.0
June 1992	102.3	W	91.4	W	W	85.4	102.4	W	91.2	103.3	96.5	93.9
California												
June 1993	97.9	80.7	85.5	95.1	W	71.4	97.3	80.5	84.1	95.1	87.7	78.8
May 1993	98.3	85.9	86.3	92.3	W	75.8	96.9	85.7	85.4	96.1	91.0	84.8
June 1992	103.8	86.6	90.5	98.0	W	80.1	102.6	86.6	89.5	103.2	95.9	87.6
Hawaii												
June 1993	W	W	106.8	W	W	W	118.0	W	106.0	133.8	112.6	115.9
May 1993	W	W	107.3	W	W	W	117.9	W	106.6	133.8	113.8	116.2
June 1992	W	W	103.7	W	W	W	118.0	87.3	103.1	W	121.6	116.3
Nevada												
June 1993	W	W	81.1	W	W	76.4	92.0	77.9	80.7	101.6	89.4	77.7
May 1993	W	W	81.3	W	-	79.9	88.9	W	81.2	100.2	NA	80.8
June 1992	99.2	W	89.3	W	-	86.2	99.4	W	89.1	106.1	88.5	89.2
Oregon												
June 1993	103.7	W	86.1	W	-	NA	104.0	W	85.6	100.1	95.0	90.0
May 1993	102.5	W	85.7	W	-	79.1	102.7	W	85.3	99.5	94.3	90.2
June 1992	108.7	W	91.3	W	-	87.1	109.4	W	91.1	107.6	104.3	94.8
Washington												
June 1993	97.3	W	82.8	W	-	78.6	97.3	W	82.7	98.0	89.4	86.4
May 1993	94.1	81.1	81.8	W	-	77.4	94.1	81.1	81.6	94.3	89.6	85.8
June 1992	102.0	89.0	90.3	W	W	85.9	102.0	88.9	W	102.4	97.6	92.5

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Sources: Refiners and Gas Plant Operators: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report;" Resellers: Energy Information Administration Form EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

**Table 35. Refiner Prices of Aviation Fuels and Propane
by PAD District and State**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
U.S. Average						
June 1993	102.5	99.1	58.7	58.4	63.9	33.8
May 1993	102.2	99.4	59.9	60.1	67.3	34.0
June 1992	106.4	101.5	63.9	63.3	54.5	31.6
PAD District I Average						
June 1993	101.0	96.9	57.3	58.5	86.2	36.9
May 1993	100.9	97.4	59.0	60.5	93.4	39.1
June 1992	106.1	100.7	64.3	65.4	82.2	36.0
Subdistrict IA Average						
June 1993	W	W	60.3	61.8	W	39.2
May 1993	W	W	62.1	63.0	W	39.9
June 1992	W	W	67.6	71.1	W	39.8
Connecticut						
June 1993	W	W	59.9	W	W	40.4
May 1993	W	W	61.3	62.9	W	43.2
June 1992	W	W	66.6	68.5	W	38.7
Maine						
June 1993	W	-	W	W	W	41.5
May 1993	W	-	W	W	W	39.7
June 1992	W	-	W	W	W	42.6
Massachusetts						
June 1993	W	W	59.5	61.1	W	39.2
May 1993	W	W	61.4	W	W	41.0
June 1992	W	W	66.3	70.9	W	41.8
New Hampshire						
June 1993	W	W	63.1	W	W	35.2
May 1993	W	W	64.2	W	W	35.3
June 1992	W	W	70.0	W	W	36.1
Rhode Island						
June 1993	W	W	61.1	W	-	43.2
May 1993	W	W	63.0	W	-	41.9
June 1992	W	W	69.0	W	-	42.4
Vermont						
June 1993	W	W	W	W	W	42.5
May 1993	W	W	W	W	W	42.6
June 1992	W	W	W	W	W	42.5
Subdistrict IB Average						
June 1993	102.9	96.6	56.4	57.1	W	33.8
May 1993	102.7	98.2	58.4	59.3	W	37.0
June 1992	W	103.0	63.4	64.1	92.8	35.9
Delaware						
June 1993	W	-	67.6	W	-	W
May 1993	W	-	68.0	W	-	W
June 1992	W	-	72.8	W	-	W
District of Columbia						
June 1993	-	-	W	-	-	-
May 1993	W	-	-	-	-	-
June 1992	-	-	-	-	-	-
Maryland						
June 1993	W	W	56.4	59.2	W	W
May 1993	W	W	58.6	60.3	W	36.4
June 1992	W	W	65.2	68.3	W	W
New Jersey						
June 1993	101.7	W	56.2	56.4	W	32.0
May 1993	100.4	W	58.1	58.9	W	36.2
June 1992	W	W	62.9	63.6	76.9	36.1
New York						
June 1993	W	W	61.2	63.2	W	40.0
May 1993	W	95.5	62.3	60.2	W	41.2
June 1992	W	W	68.1	64.9	W	40.3
Pennsylvania						
June 1993	W	101.5	56.3	56.9	78.6	32.6
May 1993	W	102.1	58.2	59.2	W	36.3
June 1992	W	105.0	63.8	64.3	W	34.4
Subdistrict IC Average						
June 1993	98.6	97.1	57.7	61.7	79.3	36.9
May 1993	98.9	97.2	59.0	63.1	88.1	40.7
June 1992	103.8	99.3	64.7	66.9	75.9	39.4

See footnotes at end of table.

**Table 35. Refiner Prices of Aviation Fuels and Propane
by PAD District and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Florida						
June 1993	96.1	94.2	58.5	62.5	W	42.8
May 1993	96.6	95.7	59.7	63.3	W	44.0
June 1992	101.4	97.5	66.0	68.6	W	42.1
Georgia						
June 1993	99.6	98.2	57.0	59.6	W	37.1
May 1993	98.8	W	58.3	61.3	W	38.4
June 1992	106.4	99.8	62.9	67.9	W	37.8
North Carolina						
June 1993	W	W	57.2	61.9	60.4	38.1
May 1993	103.6	W	58.6	63.7	63.0	39.7
June 1992	109.4	W	63.9	71.7	NA	38.5
South Carolina						
June 1993	W	98.2	61.0	64.5	86.6	37.2
May 1993	W	98.0	62.9	65.9	W	39.2
June 1992	W	99.7	68.3	W	NA	38.8
Virginia						
June 1993	W	W	56.8	60.9	71.8	38.0
May 1993	W	W	58.3	63.3	74.1	39.1
June 1992	109.6	101.4	63.9	68.8	NA	38.7
West Virginia						
June 1993	W	W	W	W	W	W
May 1993	W	W	W	W	W	W
June 1992	W	W	74.0	W	W	36.6
PAD District II Average						
June 1993	97.8	96.8	57.3	60.1	78.6	34.2
May 1993	96.6	96.2	59.0	60.2	80.1	33.5
June 1992	98.8	97.0	63.9	65.2	58.3	28.9
Illinois						
June 1993	W	W	56.3	58.9	75.2	33.2
May 1993	W	W	57.8	60.4	76.2	33.1
June 1992	W	W	63.0	67.0	55.2	29.8
Indiana						
June 1993	99.6	96.1	55.8	58.3	87.1	36.0
May 1993	98.9	95.6	57.6	57.6	90.9	34.7
June 1992	97.6	95.3	63.2	62.5	75.2	31.5
Iowa						
June 1993	W	96.7	61.5	66.8	W	36.6
May 1993	W	96.3	62.9	68.2	W	35.6
June 1992	W	97.7	W	69.1	W	29.8
Kansas						
June 1993	W	94.8	56.9	W	W	33.8
May 1993	W	94.7	57.6	67.0	W	32.5
June 1992	W	96.1	60.7	71.5	W	26.8
Kentucky						
June 1993	W	97.9	60.1	61.3	W	33.4
May 1993	103.7	W	61.3	59.8	W	34.5
June 1992	106.7	W	65.8	71.6	35.2	29.9
Michigan						
June 1993	W	W	57.8	59.8	87.1	35.5
May 1993	W	W	59.7	62.4	88.6	36.1
June 1992	W	W	64.5	68.6	85.7	31.9
Minnesota						
June 1993	W	98.1	58.9	62.3	W	34.9
May 1993	W	96.8	60.5	63.4	W	34.0
June 1992	W	97.7	64.9	67.0	W	27.8
Missouri						
June 1993	W	96.8	57.7	63.3	W	36.5
May 1993	W	96.7	59.2	64.3	W	35.4
June 1992	W	96.9	64.4	68.5	56.2	31.3
Nebraska						
June 1993	W	95.7	58.6	66.6	-	36.6
May 1993	W	96.2	60.4	68.4	-	35.4
June 1992	W	97.6	65.6	74.8	W	29.7
North Dakota						
June 1993	100.9	W	66.2	70.1	W	31.9
May 1993	W	W	67.4	70.5	W	29.7
June 1992	W	W	69.5	71.7	W	22.9

See footnotes at end of table.

**Table 35. Refiner Prices of Aviation Fuels and Propane
by PAD District and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Ohio						
June 1993	W	98.6	58.7	61.6	37.0	35.3
May 1993	W	98.4	60.1	63.1	91.6	35.6
June 1992	W	95.8	65.6	66.3	78.1	32.5
Oklahoma						
June 1993	W	94.3	55.5	56.5	52.4	32.1
May 1993	W	W	59.4	57.2	48.9	31.6
June 1992	92.6	95.2	62.8	62.8	W	26.6
South Dakota						
June 1993	W	W	66.9	W	W	36.8
May 1993	W	W	68.4	W	W	36.3
June 1992	W	W	72.2	W	W	29.2
Tennessee						
June 1993	W	96.4	56.7	62.8	W	39.3
May 1993	W	96.2	57.9	63.9	W	38.6
June 1992	105.8	101.1	62.8	69.2	W	37.3
Wisconsin						
June 1993	W	96.6	58.5	61.1	77.9	36.8
May 1993	-	95.6	60.2	63.1	77.0	35.4
June 1992	W	97.0	64.3	68.3	72.0	30.2
PAD District III Average						
June 1993	97.9	89.5	55.0	54.8	38.7	33.3
May 1993	98.8	89.6	56.7	57.2	40.4	33.4
June 1992	103.4	94.1	60.9	60.9	35.6	32.8
Alabama						
June 1993	101.6	97.1	60.3	61.5	79.5	34.0
May 1993	100.8	98.0	61.8	63.9	79.1	35.9
June 1992	106.3	101.2	67.6	70.1	80.4	35.3
Arkansas						
June 1993	W	W	60.8	62.3	W	40.8
May 1993	W	W	61.6	64.2	W	43.7
June 1992	W	W	68.9	69.9	W	37.8
Louisiana						
June 1993	W	89.4	55.2	53.4	35.5	32.8
May 1993	W	93.4	56.6	56.4	W	33.6
June 1992	W	99.7	59.2	60.5	W	31.7
Mississippi						
June 1993	W	96.1	54.0	56.7	W	35.9
May 1993	101.0	W	57.6	55.7	W	36.0
June 1992	104.6	99.4	60.3	60.6	W	36.6
New Mexico						
June 1993	W	W	59.3	59.8	W	32.9
May 1993	W	W	61.2	61.8	W	33.0
June 1992	W	W	64.9	67.4	31.3	28.9
Texas						
June 1993	96.4	86.4	54.8	54.7	34.4	33.0
May 1993	98.3	87.1	56.5	57.3	35.1	33.1
June 1992	102.8	91.4	61.4	60.9	32.5	32.9
PAD District IV Average						
June 1993	104.3	102.2	62.2	64.7	75.3	29.5
May 1993	102.3	101.4	63.5	65.9	75.8	30.2
June 1992	112.7	105.2	67.0	71.3	71.0	23.6
Colorado						
June 1993	W	100.9	57.9	60.1	64.0	31.0
May 1993	W	101.4	59.5	61.4	65.2	31.4
June 1992	W	103.3	63.6	68.8	73.0	26.6
Idaho						
June 1993	W	113.0	72.8	76.4	W	35.5
May 1993	-	110.6	73.8	76.5	W	35.2
June 1992	W	115.3	75.4	78.1	W	25.9
Montana						
June 1993	W	W	72.7	W	W	29.4
May 1993	W	W	72.4	W	W	29.2
June 1992	W	W	75.4	W	W	22.4

See footnotes at end of table.

**Table 35. Refiner Prices of Aviation Fuels and Propane
by PAD District and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Utah						
June 1993	104.3	101.8	65.7	71.9	W	30.8
May 1993	109.8	99.8	66.8	72.7	W	31.6
June 1992	107.1	106.3	69.2	75.5	W	25.6
Wyoming						
June 1993	W	W	77.2	W	NA	27.9
May 1993	W	W	77.3	W	51.4	29.4
June 1992	W	W	80.8	W	W	21.0
PAD District V Average						
June 1993	113.3	107.6	63.1	63.2	74.5	32.7
May 1993	112.7	108.5	63.6	63.2	74.9	34.4
June 1992	113.7	111.0	65.7	64.9	72.2	27.3
Alaska						
June 1993	W	122.0	67.8	70.2	W	W
May 1993	W	121.3	68.6	70.3	W	W
June 1992	W	W	71.1	73.6	W	W
Arizona						
June 1993	W	101.4	64.0	65.7	W	39.0
May 1993	W	102.1	64.4	67.0	W	45.6
June 1992	W	W	67.2	71.8	W	NA
California						
June 1993	110.0	104.3	61.8	61.9	W	32.8
May 1993	111.5	105.8	62.5	62.6	W	34.3
June 1992	113.2	108.2	64.2	64.0	W	25.9
Hawaii						
June 1993	W	W	65.5	W	W	W
May 1993	W	W	66.7	69.4	W	W
June 1992	W	W	68.8	W	W	W
Nevada						
June 1993	W	101.3	64.3	66.1	W	35.4
May 1993	W	W	65.1	65.8	W	36.8
June 1992	W	W	67.3	67.1	W	30.0
Oregon						
June 1993	W	105.2	63.6	68.1	W	39.0
May 1993	W	104.1	63.9	69.4	W	39.6
June 1992	W	109.2	65.6	73.7	W	W
Washington						
June 1993	110.8	W	62.7	67.1	W	28.2
May 1993	W	106.1	62.2	61.0	W	30.2
June 1992	W	W	64.2	64.4	W	21.6

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Note: PAD District and U.S. averages represent data for all States. In certain PAD Districts, however, prices are not shown for every State.

Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 36. Refiner Prices of Kerosene and Distillates
by PAD District and State**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Kerosene		No. 1 Distillate		No. 2 Distillate	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
U.S. Average						
June 1993	65.3	56.9	64.0	63.0	60.2	56.1
May 1993	68.8	58.3	65.8	66.5	62.0	58.4
June 1992	68.7	63.7	69.3	69.3	64.7	62.2
PAD District I Average						
June 1993	64.5	57.8	60.6	59.7	59.3	54.7
May 1993	67.7	61.4	62.3	62.4	61.0	56.8
June 1992	W	67.6	68.1	66.7	64.5	62.4
Subdistrict IA Average						
June 1993	63.6	59.3	57.8	W	58.9	55.1
May 1993	63.8	62.9	60.5	62.1	60.6	57.2
June 1992	W	66.9	W	67.8	64.7	63.4
Connecticut						
June 1993	W	59.0	-	W	58.3	54.6
May 1993	W	W	-	W	60.2	57.1
June 1992	-	66.1	-	W	65.7	62.6
Maine						
June 1993	W	62.2	-	62.4	55.7	55.6
May 1993	W	63.8	W	63.4	57.4	57.2
June 1992	-	69.0	-	W	64.9	64.0
Massachusetts						
June 1993	W	W	W	W	60.4	55.8
May 1993	W	W	W	W	61.6	57.4
June 1992	W	68.2	-	W	64.0	63.8
New Hampshire						
June 1993	-	W	W	W	55.5	55.0
May 1993	-	W	W	W	56.3	57.7
June 1992	-	W	W	W	64.1	64.7
Rhode Island						
June 1993	-	W	W	-	56.7	54.7
May 1993	-	W	W	W	60.8	56.9
June 1992	-	W	W	W	67.0	63.1
Vermont						
June 1993	-	W	-	W	59.2	W
May 1993	-	W	-	W	61.0	W
June 1992	-	W	-	W	66.9	64.7
Subdistrict IB Average						
June 1993	64.2	57.3	60.5	60.0	59.9	54.6
May 1993	67.1	61.5	68.8	62.9	61.8	56.3
June 1992	W	66.8	68.4	66.6	65.2	62.0
Delaware						
June 1993	-	W	-	-	57.6	53.8
May 1993	-	W	-	W	59.3	55.8
June 1992	-	W	-	W	63.6	62.0
District of Columbia						
June 1993	-	-	-	-	W	57.2
May 1993	-	-	-	-	W	62.0
June 1992	-	-	-	-	62.6	67.5
Maryland						
June 1993	W	61.1	-	W	56.6	56.3
May 1993	W	62.1	-	W	58.0	56.0
June 1992	W	67.6	W	W	59.9	63.1
New Jersey						
June 1993	W	56.7	W	W	57.5	53.6
May 1993	W	59.7	W	W	60.3	56.3
June 1992	W	66.7	W	64.6	65.0	61.5
New York						
June 1993	64.2	61.4	W	59.8	61.3	55.2
May 1993	W	63.5	W	W	63.8	57.3
June 1992	W	66.1	W	W	67.5	62.3
Pennsylvania						
June 1993	NA	57.5	W	60.7	61.8	54.5
May 1993	NA	62.6	W	64.2	63.0	56.6
June 1992	72.9	67.5	W	W	65.7	62.3
Subdistrict IC Average						
June 1993	73.1	58.8	62.3	58.7	59.0	54.8
May 1993	77.2	60.9	62.6	61.7	60.6	57.2
June 1992	65.0	68.8	69.7	66.5	64.2	62.6

See footnotes at end of table.

**Table 36. Refiner Prices of Kerosene and Distillates
by PAD District and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Kerosene		No. 1 Distillate		No. 2 Distillate	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Florida						
June 1993	W	60.5	W	W	59.1	55.0
May 1993	81.9	65.3	W	W	60.8	57.5
June 1992	W	70.7	W	W	64.6	62.4
Georgia						
June 1993	NA	59.2	-	65.4	59.5	54.5
May 1993	NA	58.1	W	W	60.7	56.9
June 1992	96.0	69.8	-	W	64.1	62.4
North Carolina						
June 1993	NA	58.1	W	W	56.7	54.4
May 1993	W	59.9	W	W	58.5	56.9
June 1992	NA	68.8	67.2	64.6	62.6	62.3
South Carolina						
June 1993	NA	59.4	W	-	59.1	54.8
May 1993	NA	61.3	-	-	60.5	57.5
June 1992	88.3	67.7	-	-	64.1	62.7
Virginia						
June 1993	W	57.8	59.3	59.8	57.7	54.7
May 1993	66.6	61.0	W	63.0	60.0	57.0
June 1992	W	67.5	W	67.1	63.2	62.4
West Virginia						
June 1993	NA	63.8	W	W	62.8	57.5
May 1993	NA	67.5	W	W	63.6	59.7
June 1992	NA	71.7	W	W	68.3	63.6
PAD District II Average						
June 1993	66.8	64.6	60.5	61.1	58.9	56.5
May 1993	71.1	66.4	61.9	63.6	60.8	58.8
June 1992	75.7	70.6	66.5	67.6	64.0	62.8
Illinois						
June 1993	69.8	W	W	60.9	57.6	55.0
May 1993	71.7	63.6	W	62.3	59.0	57.1
June 1992	76.9	W	W	67.4	63.0	61.9
Indiana						
June 1993	W	64.1	W	61.7	58.0	56.2
May 1993	W	64.6	75.2	63.0	59.3	58.3
June 1992	88.2	70.0	W	68.1	62.7	62.3
Iowa						
June 1993	-	W	W	61.2	58.4	57.2
May 1993	-	W	W	63.2	60.5	60.0
June 1992	-	74.0	W	69.0	63.7	64.1
Kansas						
June 1993	-	W	-	58.3	57.3	55.5
May 1993	-	W	W	61.4	59.1	57.4
June 1992	-	W	W	65.0	63.3	62.5
Kentucky						
June 1993	W	63.5	W	65.4	60.8	56.8
May 1993	89.9	65.1	W	67.1	62.9	59.1
June 1992	95.6	70.4	68.4	67.4	65.3	63.2
Michigan						
June 1993	NA	65.5	W	63.4	59.1	57.3
May 1993	NA	66.7	W	65.1	60.7	59.1
June 1992	126.6	69.7	W	69.6	64.3	63.6
Minnesota						
June 1993	W	68.3	W	64.1	57.2	57.9
May 1993	W	W	W	65.9	59.9	60.8
June 1992	W	W	W	69.8	65.2	63.9
Missouri						
June 1993	-	63.3	W	60.8	59.1	56.3
May 1993	-	70.2	W	63.7	60.7	58.3
June 1992	-	68.3	W	68.7	64.6	63.1
Nebraska						
June 1993	-	W	-	60.1	W	57.8
May 1993	-	-	-	62.7	W	60.2
June 1992	-	-	-	67.8	W	64.2
North Dakota						
June 1993	-	-	-	65.1	W	60.5
May 1993	-	-	-	68.9	60.1	63.9
June 1992	W	-	-	70.7	W	65.0

See footnotes at end of table.

**Table 36. Refiner Prices of Kerosene and Distillates
by PAD District and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Kerosene		No. 1 Distillate		No. 2 Distillate	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Ohio						
June 1993	65.2	64.9	W	63.1	62.0	58.7
May 1993	68.4	67.3	84.4	64.5	63.6	61.0
June 1992	72.8	71.8	76.2	68.1	66.0	62.9
Oklahoma						
June 1993	-	64.6	W	W	55.8	55.1
May 1993	-	65.6	-	60.3	59.0	56.9
June 1992	-	68.2	W	63.5	61.5	60.6
South Dakota						
June 1993	-	-	-	62.0	W	59.9
May 1993	-	-	-	63.3	60.7	62.1
June 1992	-	-	-	69.2	W	66.4
Tennessee						
June 1993	NA	62.2	W	60.9	58.5	54.7
May 1993	NA	64.4	W	64.5	60.1	56.8
June 1992	W	67.3	W	67.2	63.6	61.7
Wisconsin						
June 1993	W	W	W	61.8	57.7	56.7
May 1993	W	72.1	W	63.4	59.5	59.0
June 1992	W	W	W	67.6	64.0	63.2
PAD District III Average						
June 1993	W	53.5	W	57.6	59.2	53.6
May 1993	W	W	W	63.7	61.2	55.7
June 1992	W	61.8	64.7	68.3	63.1	59.8
Alabama						
June 1993	W	58.4	W	W	57.1	53.8
May 1993	W	60.0	W	W	58.6	56.4
June 1992	W	66.2	W	W	62.2	61.6
Arkansas						
June 1993	-	60.5	-	W	59.3	54.9
May 1993	-	61.5	-	-	61.3	56.5
June 1992	-	67.1	-	W	63.8	61.5
Louisiana						
June 1993	W	56.1	-	W	56.6	52.6
May 1993	W	W	-	W	58.6	54.8
June 1992	W	61.5	-	W	62.1	59.9
Mississippi						
June 1993	-	W	W	W	55.8	52.8
May 1993	-	W	W	-	57.2	55.0
June 1992	-	W	W	W	62.8	59.5
New Mexico						
June 1993	-	77.9	-	72.7	69.8	61.7
May 1993	-	77.5	-	W	72.9	63.8
June 1992	-	82.9	-	74.8	72.6	65.5
Texas						
June 1993	W	60.5	W	66.3	59.3	53.4
May 1993	W	62.8	W	68.3	61.2	55.6
June 1992	W	65.7	64.5	68.0	62.4	59.2
PAD District IV Average						
June 1993	-	W	W	70.9	63.8	62.9
May 1993	-	71.9	W	73.6	65.6	65.4
June 1992	-	W	84.3	77.1	70.4	70.4
Colorado						
June 1993	-	W	W	64.1	61.4	58.0
May 1993	-	W	W	67.0	63.7	61.0
June 1992	-	W	W	72.1	69.2	68.0
Idaho						
June 1993	-	-	-	75.8	W	69.0
May 1993	-	-	W	77.7	W	71.0
June 1992	-	-	-	79.6	W	72.9
Montana						
June 1993	-	-	-	74.5	64.0	64.8
May 1993	-	-	-	77.3	68.1	67.2
June 1992	-	-	W	82.7	72.4	71.2

See footnotes at end of table.

**Table 36. Refiner Prices of Kerosene and Distillates
by PAD District and State (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Kerosene		No. 1 Distillate		No. 2 Distillate	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Utah						
June 1993	-	W	W	73.7	65.0	65.5
May 1993	-	W	W	76.7	66.3	67.6
June 1992	-	W	W	79.1	70.4	71.4
Wyoming						
June 1993	-	-	W	69.7	64.8	61.7
May 1993	-	-	W	74.9	66.4	64.0
June 1992	-	-	83.0	79.5	70.7	70.3
PAD District V Average						
June 1993	-	69.3	78.6	70.0	65.8	60.6
May 1993	-	72.7	80.1	73.0	67.5	62.0
June 1992	-	70.5	80.9	74.8	66.7	63.0
Alaska						
June 1993	-	-	85.6	68.8	67.6	62.0
May 1993	-	-	86.7	73.1	75.3	63.5
June 1992	-	-	89.2	74.7	82.4	68.0
Arizona						
June 1993	-	W	-	W	67.8	64.4
May 1993	-	-	-	W	69.5	64.9
June 1992	-	W	W	72.3	70.1	63.9
California						
June 1993	-	66.5	W	68.6	65.2	59.3
May 1993	-	70.7	W	71.4	67.7	62.0
June 1992	-	W	W	70.6	66.1	62.2
Hawaii						
June 1993	-	-	W	W	68.2	74.2
May 1993	-	-	W	W	68.4	73.8
June 1992	-	-	W	W	65.7	71.8
Nevada						
June 1993	-	-	W	W	67.3	62.5
May 1993	-	-	-	75.5	69.8	68.2
June 1992	-	-	W	W	69.5	64.0
Oregon						
June 1993	-	W	W	74.3	64.1	62.2
May 1993	-	W	W	75.7	64.2	63.0
June 1992	-	W	W	76.1	63.7	62.9
Washington						
June 1993	-	W	W	74.8	63.9	60.8
May 1993	-	W	-	72.3	64.5	62.6
June 1992	-	W	W	74.5	64.5	63.2

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Note: PAD District and U.S. averages represent data for all States. In certain PAD Districts, however, prices are not shown for every State.

Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 37. No. 2 Distillate Prices by Seller, PAD District,
and Selected States**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Refiners			Resellers and Retailers			All Sellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	To Residential Consumers ^a	To Non- Residential End Users		To Residential Consumers ^a	To Non- Residential End Users		To Residential Consumers ^a	To Non- Residential End Users	
U.S. Average									
June 1993	85.8	60.1	56.1	89.1	68.9	57.9	89.0	66.4	56.7
May 1993	85.7	61.9	58.4	91.1	70.6	60.1	91.0	68.2	58.9
June 1992	86.7	64.6	62.2	92.1	73.2	64.0	92.0	70.4	62.7
PAD District I Average									
June 1993	85.0	59.1	54.7	89.6	67.9	56.6	89.5	65.3	55.4
May 1993	84.4	60.7	56.8	91.7	69.2	58.8	91.6	66.7	57.6
June 1992	86.7	64.4	62.4	93.2	72.3	62.8	93.2	69.7	62.5
Subdistrict IA Average									
June 1993	W	58.4	55.1	87.1	68.8	57.0	87.1	67.8	56.2
May 1993	W	59.7	57.2	89.3	71.8	58.1	89.3	70.1	57.8
June 1992	W	64.1	63.4	90.0	76.0	62.3	90.0	74.2	62.7
Connecticut									
June 1993	-	58.3	54.6	89.9	69.3	57.6	89.9	66.8	55.7
May 1993	-	60.2	57.1	91.7	72.2	59.6	91.7	70.0	58.2
June 1992	-	65.7	62.8	91.8	77.9	60.8	91.8	76.5	61.7
Maine									
June 1993	-	55.7	55.5	80.7	70.8	58.3	80.7	69.6	57.3
May 1993	-	57.4	57.2	81.5	72.1	60.5	81.5	71.2	59.3
June 1992	-	64.9	64.0	87.1	75.3	66.0	87.1	74.6	65.3
Massachusetts									
June 1993	W	59.6	55.8	88.9	68.9	56.7	88.8	66.8	56.4
May 1993	W	60.2	57.4	91.0	70.7	56.5	90.9	68.6	56.8
June 1992	W	63.2	63.8	91.3	75.1	61.8	91.3	72.4	62.5
New Hampshire									
June 1993	-	55.5	55.9	82.3	70.3	55.9	82.3	69.4	55.9
May 1993	-	56.3	57.7	83.8	73.1	59.2	83.8	72.3	59.0
June 1992	-	64.1	64.7	82.9	74.8	62.9	82.9	74.0	63.1
Rhode Island									
June 1993	W	55.5	54.7	86.7	71.5	56.7	86.7	68.3	55.7
May 1993	W	58.5	56.9	90.7	72.1	58.2	90.6	70.0	57.5
June 1992	W	64.6	63.1	89.6	75.4	64.5	89.7	73.6	63.7
Vermont									
June 1993	-	59.2	W	89.6	70.0	62.2	89.6	69.3	60.5
May 1993	-	61.0	W	91.2	73.4	63.7	91.2	72.5	62.1
June 1992	-	66.9	64.7	90.7	76.8	68.7	90.7	76.0	66.7
Subdistrict IB Average									
June 1993	85.1	59.4	54.5	91.5	67.8	56.2	91.4	65.4	55.2
May 1993	84.5	61.1	58.3	94.0	69.1	58.9	93.8	66.9	57.3
June 1992	86.4	64.9	62.0	95.1	71.8	62.3	95.0	69.7	62.1
Delaware									
June 1993	-	57.6	53.8	86.8	67.3	59.2	86.8	65.8	54.7
May 1993	-	59.3	55.8	89.4	67.3	59.9	89.4	65.9	56.6
June 1992	-	63.6	62.0	91.4	71.0	65.3	91.4	68.5	62.5
District of Columbia									
June 1993	-	W	57.2	100.8	81.7	W	100.8	59.1	NA
May 1993	-	W	62.0	104.3	83.6	W	104.3	60.7	60.2
June 1992	-	62.6	67.5	102.7	87.7	W	102.7	67.3	64.2
Maryland									
June 1993	W	56.6	56.3	95.5	66.3	56.7	95.5	64.0	56.6
May 1993	W	57.9	58.0	96.2	68.0	59.3	96.2	65.3	58.7
June 1992	W	59.9	63.1	97.6	71.7	62.9	97.6	67.7	63.0
New Jersey									
June 1993	-	57.5	53.6	88.2	66.0	53.8	88.2	63.0	53.7
May 1993	-	60.3	55.3	91.6	65.8	56.7	91.6	64.2	55.7
June 1992	-	65.0	61.5	90.4	68.1	60.3	90.4	67.1	61.0
New York									
June 1993	W	60.9	55.2	97.5	70.1	57.3	97.5	67.8	56.1
May 1993	W	62.5	57.3	99.5	72.1	59.6	99.3	69.8	58.3
June 1992	W	66.8	62.3	101.8	75.3	65.0	101.7	72.7	63.2

See footnotes at end of table.

**Table 37. No. 2 Distillate Prices by Seller, PAD District,
and Selected States (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Refiners			Resellers and Retailers			All Sellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	To Residential Consumers ^a	To Non- Residential End Users		To Residential Consumers ^a	To Non- Residential End Users		To Residential Consumers ^a	To Non- Residential End Users	
Pennsylvania									
June 1993	W	60.8	54.5	83.9	67.6	57.7	83.9	65.6	55.6
May 1993	W	62.0	56.5	86.9	69.2	59.8	86.6	67.0	57.8
June 1992	79.6	65.5	62.3	86.6	71.5	63.3	86.5	69.8	62.6
Subdistrict IC Average^b									
June 1993	W	59.0	54.8	89.2	67.5	57.1	89.1	64.6	55.5
May 1993	W	60.6	57.2	91.1	68.7	59.3	91.0	66.0	57.8
June 1992	74.7	64.2	62.5	93.9	71.5	64.7	93.9	68.7	63.0
Virginia									
June 1993	W	57.7	54.7	86.0	67.9	56.9	86.0	65.4	55.3
May 1993	W	60.0	57.0	88.6	69.3	59.8	88.6	67.1	57.7
June 1992	W	63.2	62.4	89.6	71.6	63.9	89.6	69.0	62.8
West Virginia									
June 1993	W	62.8	57.5	88.2	66.9	63.4	87.3	65.1	58.6
May 1993	W	63.5	59.7	86.0	68.6	65.1	84.8	66.3	60.8
June 1992	W	68.3	63.6	87.0	73.3	70.0	86.5	71.2	64.3
PAD District II Average^b									
June 1993	W	58.9	56.5	84.1	68.7	58.9	84.1	65.7	57.2
May 1993	W	60.8	58.8	85.3	70.8	61.0	85.3	68.1	59.4
June 1992	W	64.0	62.8	83.0	73.2	65.0	83.0	70.0	63.3
Illinois									
June 1993	-	57.6	55.0	81.1	69.8	58.4	81.1	66.6	56.2
May 1993	-	59.0	57.1	84.8	73.6	60.6	84.8	70.3	58.3
June 1992	-	63.0	61.9	90.8	74.8	63.5	90.8	71.6	62.4
Indiana									
June 1993	W	58.0	56.2	82.1	66.9	56.5	82.1	64.3	56.3
May 1993	W	59.3	58.3	83.6	70.6	59.0	83.6	67.6	58.5
June 1992	W	62.7	62.3	79.6	73.0	64.9	79.6	68.3	63.1
Michigan									
June 1993	-	59.1	57.3	87.8	72.2	61.1	87.8	67.7	58.3
May 1993	-	60.7	59.1	89.8	73.2	64.0	89.8	69.0	60.5
June 1992	-	64.3	63.6	86.1	76.8	66.5	86.1	72.2	64.4
Minnesota									
June 1993	-	57.2	57.9	83.3	73.1	60.2	83.3	68.8	58.5
May 1993	-	59.9	60.8	84.1	75.0	62.5	84.1	71.5	61.2
June 1992	-	65.2	63.9	82.9	76.3	67.0	82.9	73.6	64.6
Ohio									
June 1993	W	62.0	58.7	86.3	70.1	68.7	86.3	65.6	59.7
May 1993	W	63.6	61.0	86.0	73.4	60.5	86.0	68.4	60.9
June 1992	W	66.0	62.9	85.4	72.8	65.1	85.3	69.3	63.4
Wisconsin									
June 1993	-	57.7	56.7	84.2	72.1	60.4	84.2	69.5	57.9
May 1993	-	59.5	59.0	84.9	74.6	62.2	84.9	72.3	60.1
June 1992	-	64.0	63.2	81.9	74.1	64.6	81.9	72.6	63.6
PAD District III Average									
June 1993	-	59.2	53.6	76.9	65.1	56.0	76.9	63.6	54.1
May 1993	-	61.2	55.7	78.2	66.7	57.7	78.2	65.1	56.2
June 1992	-	63.1	59.8	W	69.6	61.4	W	67.7	60.1
PAD District IV Average^b									
June 1993	-	63.8	62.9	82.9	73.4	65.9	82.9	71.0	63.5
May 1993	-	65.6	65.4	82.1	75.0	68.2	82.1	72.6	66.0
June 1992	-	70.4	70.4	87.7	80.0	74.0	87.7	77.1	71.0
Idaho									
June 1993	-	W	69.0	83.2	79.1	71.1	83.2	77.7	69.4
May 1993	-	W	71.0	82.9	80.0	72.6	82.9	77.9	71.3
June 1992	-	W	72.9	84.6	82.5	76.9	84.6	80.1	73.7

See footnotes at end of table.

**Table 37. No. 2 Distillate Prices by Seller, PAD District,
and Selected States (Continued)**
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Refiners			Resellers and Retailers			All Sellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	To Residential Consumers ^a	To Non- Residential End Users		To Residential Consumers ^a	To Non- Residential End Users		To Residential Consumers ^a	To Non- Residential End Users	
PAD District V Average^b									
June 1993	88.0	65.6	60.6	95.4	74.8	64.4	94.2	72.3	61.3
May 1993	89.3	67.3	62.8	97.3	75.6	67.2	96.4	73.5	63.4
June 1992	87.4	66.5	63.0	91.8	77.0	68.7	91.1	73.8	64.0
Alaska									
June 1993	W	65.9	62.0	100.1	91.7	79.4	97.1	79.9	66.6
May 1993	W	73.7	63.5	100.1	87.3	79.8	96.6	84.2	66.0
June 1992	W	81.0	68.0	97.2	90.8	75.2	93.9	88.8	70.3
Oregon									
June 1993	W	63.7	62.2	88.7	77.2	71.8	90.0	73.9	63.1
May 1993	W	63.6	63.0	89.8	77.7	72.5	91.3	73.7	63.7
June 1992	W	63.5	62.9	88.6	76.8	68.8	89.2	73.5	63.6
Washington									
June 1993	W	63.3	60.8	96.9	74.6	66.0	95.1	72.8	61.2
May 1993	W	63.6	62.6	101.1	76.2	68.1	100.3	73.6	63.0
June 1992	W	64.2	63.2	91.5	75.9	69.5	90.6	72.7	64.2

^a No. 2 fuel oil only.

^b Some State data are not sufficient for publication individually, but are used in calculating the PAD District average.

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Sources: Refiners and Gas Plant Operators: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report;" Resellers: Energy Information Administration Form EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

Table 38. No. 2 Distillate Prices by Sales Type, PAD District, and Selected States
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Sales to End Users						Sales for Resale
	To Residential Consumers ^a	To Commercial/ Institutional Consumers	To Industrial Consumers	Sales Through Company Outlets ^b	To Other End Users ^c	Average	
U.S. Average							
June 1993	89.0	61.4	66.4	70.6	69.9	67.8	56.7
May 1993	91.0	63.2	68.2	71.4	72.6	69.9	58.9
June 1992	92.0	66.0	70.4	74.2	74.4	72.0	62.7
PAD District I Average							
June 1993	89.5	62.1	65.7	71.5	65.1	69.4	55.4
May 1993	91.6	64.0	67.5	71.8	66.9	71.6	57.6
June 1992	93.2	67.3	70.0	73.6	70.7	74.0	62.5
Subdistrict IA Average							
June 1993	87.1	66.1	66.7	77.5	65.8	76.2	56.2
May 1993	89.3	68.7	69.5	78.3	67.2	79.9	57.8
June 1992	90.0	72.4	70.7	83.5	74.8	80.5	62.7
Connecticut							
June 1993	89.9	65.0	66.6	81.5	67.7	78.1	55.7
May 1993	91.7	69.3	67.2	81.6	69.3	82.0	58.2
June 1992	91.8	72.8	68.3	87.6	70.4	83.4	61.7
Maine							
June 1993	80.7	66.6	63.0	78.3	73.8	73.5	57.3
May 1993	81.5	68.0	68.6	79.6	71.7	75.5	59.3
June 1992	87.1	72.7	73.1	80.0	76.4	78.0	65.3
Massachusetts							
June 1993	88.8	65.5	69.1	78.1	63.4	76.1	56.4
May 1993	90.9	67.6	74.0	78.2	NA	80.4	58.8
June 1992	91.3	72.1	70.2	80.8	70.9	79.6	62.5
New Hampshire							
June 1993	82.3	66.0	59.2	74.0	73.5	75.4	55.9
May 1993	83.8	70.4	62.1	75.2	NA	78.0	59.0
June 1992	82.9	72.3	68.1	78.4	80.4	78.1	63.1
Rhode Island							
June 1993	86.7	70.7	66.0	76.7	57.8	77.9	55.7
May 1993	90.6	71.3	67.7	76.2	62.0	82.3	57.5
June 1992	89.7	74.5	72.1	77.7	68.2	81.4	63.7
Vermont							
June 1993	89.6	65.9	67.8	78.9	75.2	75.8	60.5
May 1993	91.2	70.7	70.5	80.1	74.8	79.6	62.1
June 1992	90.7	71.8	76.7	84.4	82.2	81.0	66.7
Subdistrict IB Average							
June 1993	91.4	62.7	66.9	73.0	64.6	71.0	55.2
May 1993	93.8	64.4	69.0	73.6	66.2	73.5	57.3
June 1992	95.0	68.0	70.4	75.2	69.2	76.3	62.1
Delaware							
June 1993	86.8	59.3	68.5	69.5	66.2	68.1	54.7
May 1993	89.4	60.4	67.5	70.4	67.9	69.2	56.6
June 1992	91.4	66.2	71.5	72.0	66.8	72.9	62.5
District of Columbia							
June 1993	100.8	61.5	W	W	64.9	59.6	NA
May 1993	104.3	62.9	-	W	NA	61.4	60.2
June 1992	102.7	66.4	-	W	W	70.3	64.2
Maryland							
June 1993	95.5	60.5	61.3	76.1	67.0	66.7	56.6
May 1993	96.2	62.1	63.4	76.0	67.1	69.0	58.7
June 1992	97.6	64.0	70.1	76.7	72.3	71.7	63.0
New Jersey							
June 1993	88.2	60.4	72.0	70.9	59.5	67.2	53.7
May 1993	91.6	61.5	74.8	71.4	61.5	68.8	55.7
June 1992	90.4	67.5	65.8	69.9	W	72.3	61.0
New York							
June 1993	97.5	67.1	67.1	77.9	63.9	76.9	56.1
May 1993	99.3	69.7	70.2	77.8	65.1	80.2	58.3
June 1992	101.7	71.8	75.4	78.6	70.0	84.4	63.2

See footnotes at end of table.

Table 38. No. 2 Distillate Prices by Sales Type, PAD District, and Selected States (Continued)
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Sales to End Users						Sales for Resale
	To Residential Consumers ^a	To Commercial/ Institutional Consumers	To Industrial Consumers	Sales Through Company Outlets ^b	To Other End Users ^c	Average	
Pennsylvania							
June 1993	83.9	61.2	67.1	71.5	66.9	69.5	55.6
May 1993	86.6	62.7	68.5	72.5	68.6	71.7	57.8
June 1992	86.5	67.3	70.0	75.3	70.5	73.2	62.6
Subdistrict IC Average^d							
June 1993	89.1	60.3	64.8	70.1	65.3	65.6	55.5
May 1993	91.0	62.2	66.1	70.3	67.4	66.8	57.8
June 1992	93.9	65.0	69.4	71.7	71.1	70.1	63.0
Virginia							
June 1993	86.0	61.5	62.2	70.9	68.6	67.1	55.3
May 1993	88.6	63.6	64.2	72.2	70.9	68.7	57.7
June 1992	89.6	65.4	68.6	72.9	72.1	70.3	62.8
West Virginia							
June 1993	87.3	60.7	66.0	72.6	65.7	65.5	58.8
May 1993	84.8	62.5	67.4	73.0	67.4	66.5	60.8
June 1992	86.5	67.2	72.8	79.2	71.1	71.4	64.3
PAD District II Average^d							
June 1993	84.1	59.3	68.5	67.9	72.9	66.1	57.2
May 1993	85.3	61.1	68.5	68.7	76.5	68.6	59.4
June 1992	83.0	64.8	71.1	72.1	76.7	70.4	63.3
Illinois							
June 1993	81.1	59.5	71.4	69.1	72.8	66.8	56.2
May 1993	84.8	61.8	72.3	70.8	78.2	70.4	58.3
June 1992	90.8	66.5	77.9	72.1	74.6	71.7	62.4
Indiana							
June 1993	82.1	58.7	63.8	64.7	76.5	64.5	56.3
May 1993	83.6	60.2	65.8	65.5	82.6	67.7	58.5
June 1992	79.6	63.7	68.0	70.5	82.0	66.5	63.1
Michigan							
June 1993	87.8	62.7	68.9	71.4	73.4	68.9	58.3
May 1993	89.8	63.8	69.9	72.2	74.0	70.8	60.5
June 1992	86.1	67.2	70.9	73.6	80.0	73.0	64.4
Minnesota							
June 1993	83.3	62.1	66.9	69.5	75.7	69.6	58.5
May 1993	84.1	63.6	69.8	72.4	76.5	72.5	61.2
June 1992	82.9	68.4	72.8	73.0	80.2	74.2	64.6
Ohio							
June 1993	86.3	61.0	64.8	69.7	71.7	66.3	58.7
May 1993	86.0	63.1	66.6	70.3	78.9	69.0	60.9
June 1992	85.3	64.7	70.8	73.0	76.1	69.7	63.4
Wisconsin							
June 1993	84.2	63.1	68.5	71.9	76.8	70.7	57.9
May 1993	84.9	65.5	72.3	73.5	78.1	73.4	60.1
June 1992	81.9	66.9	68.5	73.6	80.8	73.7	63.6
PAD District III Average							
June 1993	76.9	58.2	61.0	69.1	66.1	63.6	54.1
May 1993	78.2	60.2	62.3	70.5	68.1	65.1	56.2
June 1992	W	62.2	66.4	72.5	74.1	67.7	60.1
PAD District IV Average^d							
June 1993	82.9	63.7	69.6	75.7	77.4	71.1	63.5
May 1993	82.1	66.0	71.5	76.8	78.5	72.7	66.0
June 1992	87.7	70.6	76.8	81.9	81.6	77.1	71.0
Idaho							
June 1993	83.2	70.5	79.0	77.1	80.6	77.9	69.4
May 1993	82.9	69.8	77.4	79.3	81.0	78.1	71.3
June 1992	84.6	73.7	79.8	81.0	84.1	80.1	73.7

See footnotes at end of table.

Table 38. No. 2 Distillate Prices by Sales Type, PAD District, and Selected States (Continued)
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Sales to End Users						Sales for Resale
	To Residential Consumers ^a	To Commercial/ Institutional Consumers	To Industrial Consumers	Sales Through Company Outlets ^b	To Other End Users ^c	Average	
PAD District V Average^d							
June 1993	94.2	68.0	73.9	79.2	71.6	72.7	61.3
May 1993	96.4	69.5	75.8	79.7	72.8	74.1	63.4
June 1992	91.1	69.1	73.7	81.5	74.5	74.1	64.0
Alaska							
June 1993	97.1	90.3	88.7	87.9	68.7	82.3	66.6
May 1993	96.6	86.4	84.8	88.7	75.4	86.3	68.0
June 1992	93.9	92.0	82.3	86.1	87.4	89.4	70.3
Oregon							
June 1993	90.0	67.9	77.1	79.0	76.3	74.3	63.1
May 1993	91.3	67.2	80.5	78.0	77.5	74.4	63.7
June 1992	89.2	69.3	74.0	81.3	76.6	73.7	63.6
Washington							
June 1993	95.1	67.6	73.6	81.4	75.0	73.5	61.2
May 1993	100.3	67.9	74.5	82.5	77.0	75.7	63.0
June 1992	90.6	68.7	71.8	81.0	77.3	73.6	64.2

^a No. 2 fuel oil only.

^b No. 2 diesel fuel only.

^c Sales to "other end users" are all end-user sales not included in the other end-user categories shown, e.g., sales to agricultural customers or utilities.

^d Some State data are not sufficient for publication individually, but are used in calculating the PAD District average.

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

Table 39. No. 2 Fuel Oil Prices by Sales Type, PAD District, and Selected States
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Sales to End Users					Sales for Resale
	To Residential Consumers	To Commercial/ Institutional Consumers	To Industrial Consumers	To Other End Users ^a	Average	
U.S. Average						
June 1993	89.0	62.6	63.3	62.0	75.1	55.0
May 1993	91.0	65.6	64.9	64.5	79.0	57.0
June 1992	92.0	67.2	68.3	67.2	79.4	61.6
PAD District I Average						
June 1993	89.5	64.3	61.8	60.3	77.8	54.8
May 1993	91.6	67.1	64.1	62.3	81.3	56.9
June 1992	93.2	68.8	67.9	66.4	81.7	62.0
Subdistrict IA Average						
June 1993	87.1	67.8	61.9	62.7	81.2	55.6
May 1993	89.3	70.8	66.7	65.0	84.6	57.2
June 1992	90.0	72.2	70.5	70.6	84.2	62.1
Connecticut						
June 1993	89.9	67.3	64.1	57.5	84.1	55.2
May 1993	91.7	72.1	65.8	62.8	87.6	57.8
June 1992	91.8	73.7	67.3	63.1	87.6	61.0
Maine						
June 1993	80.7	67.7	60.8	69.1	75.0	56.5
May 1993	81.5	70.1	68.4	W	77.0	59.0
June 1992	87.1	74.9	74.3	75.3	81.0	64.9
Massachusetts						
June 1993	88.8	68.0	59.6	65.0	81.9	55.9
May 1993	90.9	69.8	64.9	62.7	85.7	56.3
June 1992	91.3	70.5	70.8	70.4	83.4	61.9
New Hampshire						
June 1993	82.3	64.8	59.0	57.0	78.3	55.1
May 1993	83.8	71.8	60.8	-	81.2	57.9
June 1992	82.9	71.4	66.7	64.4	80.0	62.1
Rhode Island						
June 1993	86.7	71.8	68.3	W	83.0	55.5
May 1993	90.6	71.9	70.4	W	88.0	57.3
June 1992	89.7	77.5	69.8	W	85.7	63.4
Vermont						
June 1993	89.6	73.7	64.7	W	85.3	58.4
May 1993	91.2	77.8	67.7	W	87.9	60.1
June 1992	90.7	78.2	71.6	83.4	87.7	65.3
Subdistrict IB Average						
June 1993	91.4	67.3	61.7	58.3	81.0	54.5
May 1993	93.8	70.8	63.7	60.7	84.7	56.7
June 1992	95.0	72.2	66.9	65.0	84.5	61.8
Delaware						
June 1993	86.8	66.4	60.1	W	73.1	54.7
May 1993	89.4	69.1	W	59.2	77.1	56.1
June 1992	91.4	70.6	68.5	W	77.6	62.1
District of Columbia						
June 1993	100.8	NA	-	W	59.2	55.1
May 1993	104.3	66.3	-	W	60.8	58.1
June 1992	102.7	67.8	-	-	77.8	W
Maryland						
June 1993	95.5	64.8	62.7	58.5	73.7	55.5
May 1993	96.2	66.8	67.6	60.0	75.6	57.4
June 1992	97.6	68.8	66.8	65.1	78.9	61.8
New Jersey						
June 1993	88.2	65.8	57.5	57.3	75.6	53.4
May 1993	91.6	70.2	59.9	57.8	79.7	55.3
June 1992	90.4	68.4	63.9	W	77.4	60.9
New York						
June 1993	97.5	69.6	60.6	62.3	87.4	55.5
May 1993	99.3	73.6	62.9	64.4	91.5	57.8
June 1992	101.7	75.9	68.2	67.8	93.7	62.8

See footnotes at end of table.

Table 39. No. 2 Fuel Oil Prices by Sales Type, PAD District, and Selected States (Continued)
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Sales to End Users					Sales for Resale
	To Residential Consumers	To Commercial/ Institutional Consumers	To Industrial Consumers	To Other End Users ^a	Average	
Pennsylvania						
June 1993	83.9	65.6	68.6	58.8	78.5	54.8
May 1993	86.6	68.1	67.8	63.7	81.7	57.3
June 1992	86.5	70.6	67.3	67.4	78.9	62.4
Subdistrict IC Average^b						
June 1993	89.1	59.3	81.9	81.6	67.5	54.9
May 1993	91.0	62.2	83.0	83.8	68.8	57.3
June 1992	93.9	63.0	68.1	67.1	74.1	62.5
Virginia						
June 1993	86.0	59.9	62.2	61.7	70.6	54.8
May 1993	88.6	62.6	64.2	64.0	72.1	57.2
June 1992	89.6	65.4	70.7	65.5	72.3	62.2
West Virginia						
June 1993	87.3	64.3	62.2	63.2	67.0	56.0
May 1993	84.8	70.7	64.3	63.7	67.7	58.6
June 1992	86.5	70.1	69.0	63.7	70.1	62.9
PAD District II Average^b						
June 1993	84.1	58.7	62.5	64.8	66.6	56.1
May 1993	85.3	60.8	64.9	68.2	70.3	58.3
June 1992	83.0	62.5	69.2	68.6	70.1	62.4
Illinois						
June 1993	81.1	59.3	68.9	68.4	66.5	55.4
May 1993	84.8	60.8	71.8	75.4	71.0	57.0
June 1992	90.8	64.8	76.6	64.5	69.3	61.6
Indiana						
June 1993	82.1	W	62.2	66.6	62.1	55.5
May 1993	83.6	W	64.1	67.3	63.3	57.3
June 1992	79.6	60.2	66.7	NA	66.2	61.7
Michigan						
June 1993	87.8	58.1	67.6	65.1	71.0	57.2
May 1993	89.8	59.2	65.9	68.2	74.5	59.1
June 1992	86.1	W	68.7	71.3	72.4	63.4
Minnesota						
June 1993	83.3	66.2	60.2	70.4	71.2	57.7
May 1993	84.1	66.1	66.2	71.6	75.2	60.2
June 1992	82.9	65.7	68.2	82.0	77.7	64.0
Ohio						
June 1993	86.3	62.8	61.3	60.8	66.5	57.5
May 1993	86.0	65.1	62.5	64.3	69.2	59.6
June 1992	85.3	62.4	66.7	67.2	68.5	63.0
Wisconsin						
June 1993	84.2	60.0	64.1	71.5	76.6	56.9
May 1993	84.9	63.0	65.1	NA	76.1	59.0
June 1992	81.9	67.8	69.9	71.3	76.8	62.7
PAD District III Average						
June 1993	76.9	53.7	59.4	56.8	56.5	52.5
May 1993	78.2	56.1	60.6	58.4	58.3	54.4
June 1992	W	W	62.1	60.8	60.7	58.5
PAD District IV Average^b						
June 1993	82.9	63.2	NA	W	74.2	61.2
May 1993	82.1	61.9	W	W	70.6	63.8
June 1992	87.7	68.7	77.7	W	73.2	68.9
Idaho						
June 1993	83.2	71.9	-	W	81.3	66.7
May 1993	82.9	70.9	-	87.6	81.5	70.7
June 1992	84.6	W	W	-	82.8	72.1

See footnotes at end of table.

Table 39. No. 2 Fuel Oil Prices by Sales Type, PAD District, and Selected States (Continued)
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Sales to End Users					Sales for Resale
	To Residential Consumers	To Commercial/ Institutional Consumers	To Industrial Consumers	To Other End Users ^a	Average	
PAD District V Average ^b						
June 1993	94.2	80.1	NA	64.4	79.1	61.8
May 1993	96.4	82.0	77.3	70.0	87.9	63.0
June 1992	91.1	82.4	75.4	80.6	85.8	63.2
Alaska						
June 1993	97.1	94.3	NA	W	77.2	60.1
May 1993	96.6	98.0	99.3	W	89.0	62.8
June 1992	93.9	NA	86.3	NA	90.7	68.5
Oregon						
June 1993	90.0	73.7	W	W	82.6	62.0
May 1993	91.3	72.8	W	W	84.4	64.0
June 1992	89.2	78.2	76.7	W	82.4	63.8
Washington						
June 1993	95.1	73.3	69.1	67.6	81.0	62.9
May 1993	100.3	73.7	68.6	72.9	90.3	62.6
June 1992	90.6	74.3	73.7	77.9	83.4	61.4

^a Sales to "other end users" are all end-user sales not included in the other end-user categories shown, e.g., sales to agricultural customers or utilities.

^b Some State data are not sufficient for publication individually, but are used in calculating the PAD District average.

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

Table 40. Refiner No. 4 and Residual Fuel Oil Prices by PAD District
(Cents per Gallon Excluding Taxes)

Geographic Area Month	No. 4 Fuel		Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent		Residual Fuel Oil Sulfur Content Greater Than 1 Percent		Average Residual	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
U.S. Average								
June 1993	50.2	46.9	40.6	33.7	31.5	26.3	34.7	30.0
May 1993	52.3	51.3	41.9	34.7	34.1	27.8	36.8	31.0
June 1992	52.5	49.5	38.8	35.9	33.1	30.7	34.5	32.5
PAD District I Average								
June 1993	49.3	49.8	37.6	36.1	32.7	31.2	35.2	35.5
May 1993	53.9	52.1	40.6	39.5	36.3	34.5	38.7	38.9
June 1992	52.9	49.7	38.9	38.8	34.1	34.2	35.9	37.1
Subdistrict IA Average								
June 1993	48.4	W	37.4	W	W	W	36.5	W
May 1993	W	W	39.7	W	W	W	38.9	W
June 1992	50.7	W	37.3	36.9	W	W	32.8	36.5
Subdistrict IB Average								
June 1993	49.4	50.7	W	37.3	32.6	29.8	37.0	36.3
May 1993	54.6	52.8	W	40.6	37.9	34.6	41.0	39.5
June 1992	W	50.7	W	39.5	34.4	33.8	37.6	37.7
Subdistrict IC Average								
June 1993	50.3	W	35.2	W	32.7	W	33.7	33.4
May 1993	53.5	W	38.5	W	35.8	W	36.8	39.2
June 1992	51.0	W	37.2	-	35.5	W	36.0	W
PAD District II Average								
June 1993	W	W	W	W	W	30.4	33.7	30.4
May 1993	W	W	W	W	W	31.0	36.2	31.8
June 1992	W	W	37.0	24.9	W	24.9	30.0	24.9
PAD District III Average								
June 1993	W	-	-	30.4	28.2	22.6	28.2	25.4
May 1993	W	-	-	30.5	30.8	25.7	30.8	27.5
June 1992	W	W	W	34.4	31.6	29.6	31.6	31.3
PAD District IV Average								
June 1993	-	-	W	W	W	W	W	28.7
May 1993	-	-	NA	37.5	W	W	27.3	31.6
June 1992	-	-	-	26.4	27.4	W	27.4	22.4
PAD District V Average								
June 1993	-	W	W	28.6	33.2	34.7	38.6	33.3
May 1993	W	NA	W	31.2	34.8	32.0	37.9	31.8
June 1992	W	46.6	W	W	33.7	31.2	34.7	31.0

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Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 41. Residual Fuel Oil Prices by PAD District and Selected States
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent		Residual Fuel Oil Sulfur Content Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
U.S. Average						
June 1993	40.2	35.0	33.0	28.4	35.2	31.5
May 1993	41.8	35.6	34.8	29.8	36.9	32.5
June 1992	39.1	37.0	33.2	31.7	34.8	33.6
PAD District I Average						
June 1993	38.9	36.6	34.2	33.0	36.0	35.4
May 1993	41.9	39.9	35.9	34.4	38.2	38.8
June 1992	40.0	38.8	33.8	33.7	35.9	36.0
Subdistrict IA Average*						
June 1993	39.4	34.9	33.0	W	36.4	34.1
May 1993	41.7	W	33.2	35.5	37.4	W
June 1992	39.1	36.7	31.5	33.6	33.4	34.9
Connecticut						
June 1993	37.6	W	W	-	37.8	W
May 1993	39.4	W	W	-	39.6	W
June 1992	37.8	W	W	-	37.8	W
Maine						
June 1993	40.2	W	33.7	W	36.2	W
May 1993	44.4	44.3	34.8	W	38.0	34.6
June 1992	39.8	W	33.6	32.0	36.2	32.0
Massachusetts						
June 1993	40.0	34.2	32.4	W	36.4	33.0
May 1993	41.9	W	32.2	36.2	37.7	W
June 1992	40.6	36.5	31.0	34.8	31.8	35.8
New Hampshire						
June 1993	NA	-	32.8	-	33.5	-
May 1993	43.2	-	32.6	-	33.3	-
June 1992	39.5	W	33.8	W	33.9	W
Rhode Island						
June 1993	38.9	W	-	-	38.9	W
May 1993	41.0	W	-	-	41.0	W
June 1992	39.4	W	-	-	39.4	W
Subdistrict IB Average*						
June 1993	41.2	38.2	35.6	35.7	38.6	37.6
May 1993	43.9	41.1	39.1	37.5	41.9	40.3
June 1992	41.9	39.5	34.6	33.2	38.0	37.1
Delaware						
June 1993	39.0	W	32.0	W	37.0	32.9
May 1993	39.3	W	37.4	W	39.0	W
June 1992	41.6	W	34.2	W	37.4	W
Maryland						
June 1993	W	W	36.2	W	36.4	35.8
May 1993	38.8	W	38.0	W	38.5	W
June 1992	39.0	W	33.5	W	34.3	W
New Jersey						
June 1993	39.4	37.3	32.6	28.3	37.2	35.7
May 1993	43.8	47.9	39.3	NA	42.5	43.0
June 1992	W	38.9	34.7	31.6	37.6	35.8
New York						
June 1993	44.5	39.1	37.7	40.4	41.1	39.4
May 1993	45.3	41.4	40.0	W	42.9	41.2
June 1992	42.5	41.8	35.8	33.4	39.4	39.7
Pennsylvania						
June 1993	35.7	36.2	32.2	30.5	33.8	34.0
May 1993	44.7	W	36.7	W	39.2	35.5
June 1992	43.2	37.3	32.9	33.4	34.3	35.9
Subdistrict IC Average*						
June 1993	35.8	W	34.0	32.0	34.4	32.4
May 1993	38.7	W	35.8	31.8	36.2	37.2
June 1992	37.2	W	35.1	34.3	35.8	34.8
Florida						
June 1993	35.8	W	34.1	32.7	34.5	33.0
May 1993	38.5	W	35.4	W	36.1	37.7
June 1992	37.0	W	35.2	34.5	35.7	35.1
Georgia						
June 1993	W	-	34.6	W	33.5	W
May 1993	-	-	38.2	-	38.2	-
June 1992	-	-	33.1	W	33.1	W

*See footnotes at end of table.

Table 41. Residual Fuel Oil Prices by PAD District and Selected States (Continued)
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent		Residual Fuel Oil Sulfur Content Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
North Carolina						
June 1993	W	-	33.7	W	33.0	W
May 1993	50.4	-	35.4	32.8	35.9	32.8
June 1992	44.7	-	35.7	32.8	36.1	32.8
South Carolina						
June 1993	W	-	W	-	W	-
May 1993	W	-	W	-	W	-
June 1992	W	-	W	-	W	-
Virginia						
June 1993	40.7	W	32.4	33.6	33.0	33.9
May 1993	43.3	W	35.0	W	35.5	W
June 1992	37.5	-	35.2	W	36.2	W
PAD District II Average^a						
June 1993	41.0	37.5	34.7	30.7	36.5	31.5
May 1993	42.5	37.4	34.7	31.2	36.1	32.4
June 1992	38.9	26.3	29.8	24.7	32.0	25.3
Illinois						
June 1993	W	W	W	W	42.6	28.3
May 1993	42.0	W	W	W	42.8	26.4
June 1992	W	W	41.2	W	42.5	20.4
Indiana						
June 1993	42.1	W	35.7	W	36.4	W
May 1993	38.1	W	32.9	W	33.8	W
June 1992	W	W	34.5	W	34.8	NA
Michigan						
June 1993	41.7	46.1	NA	W	42.6	45.6
May 1993	45.1	40.2	36.6	W	42.6	39.9
June 1992	NA	32.0	37.2	W	42.8	31.4
Minnesota						
June 1993	-	-	31.0	W	31.0	W
May 1993	-	W	33.2	W	33.2	W
June 1992	-	W	24.0	W	24.0	W
Ohio						
June 1993	W	W	31.7	W	32.2	W
May 1993	W	W	34.6	W	35.9	W
June 1992	36.3	W	28.4	W	30.4	W
PAD District III Average^a						
June 1993	W	31.8	28.1	24.4	28.3	26.9
May 1993	W	32.4	31.3	28.4	31.0	29.9
June 1992	W	36.6	31.7	30.7	32.0	33.0
Alabama						
June 1993	W	-	28.3	W	28.3	W
May 1993	W	-	32.3	W	32.3	W
June 1992	-	-	34.9	-	34.9	-
Louisiana						
June 1993	W	34.2	29.0	25.9	29.1	27.1
May 1993	W	31.2	31.8	28.9	31.2	29.4
June 1992	W	36.1	30.9	31.5	31.7	32.7
Mississippi						
June 1993						

Table 41. Residual Fuel Oil Prices by PAD District and Selected States (Continued)
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent		Residual Fuel Oil ^a Sulfur Content Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
California						
June 1993	NA	35.4	34.6	33.9	34.8	34.5
May 1993	NA	33.4	35.4	35.1	35.7	34.2
June 1992	36.5	29.1	33.5	31.4	33.6	31.2
Hawaii						
June 1993	W	-	38.6	W	51.0	W
May 1993	W	W	W	W	W	W
June 1992	W	-	36.8	W	W	W
Oregon						
June 1993	W	-	W	W	W	W
May 1993	W	-	36.1	38.7	36.1	38.7
June 1992	W	-	34.4	W	34.4	W
Washington						
June 1993	W	-	30.9	34.4	30.9	34.4
May 1993	W	-	34.8	31.7	34.8	31.7
June 1992	-	-	34.1	31.2	34.1	31.2

^a Some State data are not sufficient for publication individually, but are used in calculating the PAD District average.

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Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

**Sales
Volumes of
Petroleum
Products**

**Table 42. Refiner Total Motor Gasoline Volumes by Seller,
PAD District, and State**
(Thousand Gallons)

Geographic Area Month	Major Refiners			Other Refiners			Total		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
U.S. Total									
June 1993	1,266,308	54,179	6,482,219	478,164	16,541	1,802,551	1,744,472	70,720	8,284,770
May 1993	1,255,062	55,641	6,433,324	455,014	18,533	1,752,088	1,710,076	74,174	8,185,413
June 1992	1,276,209	58,965	6,428,207	453,862	19,563	1,721,542	1,732,071	78,528	8,149,749
PAD District I Total									
June 1993	372,252	15,900	2,478,598	75,866	8,856	291,103	448,118	24,756	2,769,701
May 1993	377,143	16,031	2,495,618	74,533	10,512	258,672	451,678	26,543	2,752,290
June 1992	382,157	19,190	2,416,897	75,429	9,882	300,342	457,586	29,072	2,717,239
Subdistrict IA Total									
June 1993	20,446	W	322,676	-	W	35,326	20,446	2,796	358,002
May 1993	20,364	W	306,841	-	W	18,019	20,364	4,659	324,860
June 1992	20,328	W	326,492	-	W	47,766	20,328	1,916	374,258
Connecticut									
June 1993	W	W	90,117	-	W	NA	W	708	103,640
May 1993	W	W	W	-	W	W	W	1,261	92,448
June 1992	W	W	W	-	W	W	W	445	99,942
Maine									
June 1993	-	W	W	-	W	W	-	171	44,617
May 1993	-	W	W	-	W	W	-	W	41,214
June 1992	-	W	W	-	W	W	-	195	38,080
Massachusetts									
June 1993	10,943	W	140,293	-	W	14,819	10,943	1,566	155,112
May 1993	10,777	W	W	-	W	W	10,777	2,709	134,361
June 1992	10,874	W	136,677	-	W	42,244	10,874	926	178,921
New Hampshire									
June 1993	2,787	64	W	-	W	W	2,787	W	18,111
May 1993	2,877	W	W	-	W	W	2,877	287	15,530
June 1992	W	80	W	-	W	W	W	W	18,204
Rhode Island									
June 1993	W	W	W	-	W	W	W	227	31,599
May 1993	W	W	W	-	W	W	W	164	38,632
June 1992	2,767	W	W	-	W	W	2,767	150	33,808
Vermont									
June 1993	-	W	W	-	W	W	-	W	4,923
May 1993	-	W	W	-	W	W	-	W	4,675
June 1992	-	W	W	-	-	W	-	W	5,303
Subdistrict IB Total									
June 1993	135,239	5,781	1,036,231	29,797	5,308	118,490	165,036	11,089	1,154,721
May 1993	133,871	W	1,083,085	30,187	W	101,487	164,058	10,188	1,184,572
June 1992	133,219	W	1,016,248	29,667	W	133,076	162,886	11,259	1,149,324
Delaware									
June 1993	W	266	W	-	-	W	W	266	26,855
May 1993	W	W	24,375	-	-	2,505	W	W	26,880
June 1992	W	W	W	-	-	W	W	W	26,260
District of Columbia									
June 1993	-	W	W	-	-	W	-	W	13,044
May 1993	-	W	13,284	-	-	-	-	W	13,284
June 1992	-	W	W	-	-	W	-	W	13,953
Maryland									
June 1993	-	W	W	W	W	W	W	1,171	162,141
May 1993	-	W	153,167	-	W	19,625	-	1,637	172,792
June 1992	-	W	137,697	W	W	14,582	W	1,428	152,279
New Jersey									
June 1993	W	W	255,578	W	W	30,492	34,968	2,542	286,070
May 1993	W	W	260,855	W	W	16,936	35,352	2,255	277,591
June 1992	W	W	250,004	W	W	65,088	33,098	2,381	315,092
New York									
June 1993	W	1,531	301,744	W	W	29,941	63,192	W	331,685
May 1993	46,606	W	325,372	W	W	25,411	W	1,550	350,783
June 1992	W	W	296,165	W	W	17,933	62,828	2,340	314,098
Pennsylvania									
June 1993	52,756	1,508	292,220	13,211	3,326	42,906	65,967	4,834	335,126
May 1993	53,211	1,453	306,232	13,544	3,052	37,010	66,755	4,505	343,242
June 1992	53,130	1,263	294,380	12,935	3,272	33,262	66,065	4,535	327,642

See footnotes at end of table.

**Table 42. Refiner Total Motor Gasoline Volumes by Seller,
PAD District, and State (Continued)**
(Thousand Gallons)

Geographic Area Month	Major Refiners			Other Refiners			Total		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Subdistrict IC Total									
June 1993	216,565	W	1,119,691	46,069	W	137,286	262,634	10,871	1,256,977
May 1993	222,908	8,278	1,105,692	44,346	3,418	137,166	267,254	11,696	1,242,050
June 1992	228,610	11,245	1,074,157	45,762	4,652	119,500	274,372	15,897	1,193,657
Florida									
June 1993	102,281	W	337,607	10,090	W	46,509	112,371	3,803	384,116
May 1993	106,146	W	340,141	9,917	W	53,901	116,063	4,505	394,042
June 1992	109,670	W	316,630	11,668	W	42,832	121,338	5,408	359,462
Georgia									
June 1993	43,775	2,515	208,961	5,341	-	27,167	49,116	2,515	236,120
May 1993	44,968	W	203,932	5,181	W	24,652	50,149	2,368	220,594
June 1992	44,824	1,496	198,607	5,431	-	24,295	50,255	1,496	222,902
North Carolina									
June 1993	W	658	234,844	W	-	24,284	23,353	658	259,128
May 1993	W	1,147	232,148	W	-	19,541	23,908	1,147	251,689
June 1992	W	3,833	228,586	W	-	17,695	24,666	3,833	246,281
South Carolina									
June 1993	W	W	108,603	W	W	12,233	29,743	687	120,636
May 1993	W	680	104,352	W	-	13,093	30,470	680	117,445
June 1992	W	1,199	104,306	W	-	12,270	28,814	1,199	116,576
Virginia									
June 1993	W	1,119	207,089	W	766	22,241	32,299	1,885	229,330
May 1993	W	1,053	203,528	W	699	21,858	30,762	1,752	225,386
June 1992	W	W	201,101	W	W	16,676	31,699	2,627	217,777
West Virginia									
June 1993	W	W	22,587	W	W	4,852	15,752	1,323	27,439
May 1993	W	W	21,591	W	W	4,121	15,902	1,244	25,712
June 1992	W	W	24,927	W	W	5,732	17,600	1,334	30,859
PAD District II Total									
June 1993	456,839	22,051	1,705,026	178,698	1,331	614,118	635,537	23,382	2,319,144
May 1993	458,586	21,587	1,628,318	176,576	1,853	626,474	635,162	23,440	2,254,792
June 1992	454,881	21,479	1,627,876	175,736	840	601,945	630,617	22,319	2,229,821
Illinois									
June 1993	W	W	245,610	W	W	53,208	80,081	1,361	298,818
May 1993	W	W	238,574	W	W	54,613	80,583	1,403	293,187
June 1992	W	W	245,340	W	W	36,520	76,206	1,212	281,860
Indiana									
June 1993	W	W	134,469	W	W	24,085	52,362	772	158,554
May 1993	W	W	129,516	W	W	32,495	51,264	747	162,011
June 1992	W	W	130,900	W	W	40,238	49,922	947	171,138
Iowa									
June 1993	2,469	W	61,556	7,138	-	46,270	9,607	W	107,826
May 1993	2,479	W	57,527	7,022	-	44,291	9,501	W	101,818
June 1992	2,603	380	60,388	8,797	-	48,754	11,400	380	109,142
Kansas									
June 1993	8,474	W	35,768	11,876	W	78,982	20,350	665	114,750
May 1993	8,471	W	34,428	10,892	W	74,952	19,363	592	108,380
June 1992	8,167	W	36,999	10,477	W	80,261	18,644	464	117,260
Kentucky									
June 1993	25,197	2,187	105,211	3,220	-	12,080	28,417	2,187	117,291
May 1993	25,435	2,048	96,167	3,336	-	15,685	28,771	2,048	111,752
June 1992	23,150	2,149	100,045	3,236	-	8,585	26,386	2,149	108,630
Michigan									
June 1993	W	W	241,909	W	W	48,000	92,522	4,705	289,909
May 1993	W	W	236,065	W	W	50,318	91,172	4,532	288,383
June 1992	W	4,126	229,321	W	-	44,042	93,152	4,126	273,363
Minnesota									
June 1993	34,147	W	80,873	10,985	W	52,852	45,132	887	133,725
May 1993	33,530	W	73,313	10,745	W	48,786	44,275	662	122,089
June 1992	29,257	W	74,995	10,611	W	49,369	39,868	631	124,364
Missouri									
June 1993	21,436	1,361	109,038	18,087	-	44,741	39,523	1,361	153,779
May 1993	21,369	W	103,600	18,088	W	44,853	39,457	1,367	148,453
June 1992	23,874	W	100,185	16,095	W	50,001	39,969	891	150,186

See footnotes at end of table.

Table 42. Refiner Total Motor Gasoline Volumes by Seller, PAD District, and State (Continued)
(Thousand Gallons)

Geographic Area Month	Major Refiners			Other Refiners			Total		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Nebraska									
June 1993	W	W	32,037	W	W	29,442	5,755	222	61,479
May 1993	W	W	28,379	W	W	27,965	5,863	308	58,344
June 1992	W	W	29,304	W	-	29,162	7,049	W	58,466
North Dakota									
June 1993	W	W	14,949	W	-	15,593	463	W	30,542
May 1993	W	W	13,260	W	-	15,517	456	W	28,777
June 1992	571	W	14,681	W	-	15,087	W	W	29,768
Ohio									
June 1993	W	W	220,813	W	W	15,904	168,220	8,220	236,717
May 1993	W	W	221,548	W	W	19,266	169,036	8,268	240,814
June 1992	W	W	214,098	W	W	15,510	171,499	7,736	229,608
Oklahoma									
June 1993	17,085	W	100,172	7,174	W	100,877	24,259	1,520	201,049
May 1993	17,679	W	89,040	7,335	W	104,962	25,014	1,951	194,002
June 1992	18,401	W	97,470	7,215	W	91,413	25,616	2,456	188,883
South Dakota									
June 1993	W	31	20,417	W	-	15,372	702	31	35,789
May 1993	W	44	16,946	W	-	14,637	713	44	31,583
June 1992	W	W	19,013	W	W	16,438	W	W	35,451
Tennessee									
June 1993	27,887	920	195,315	15,188	111	26,203	43,075	1,031	221,518
May 1993	28,045	887	186,065	15,911	82	30,605	43,956	969	216,670
June 1992	28,425	734	170,921	16,407	206	30,256	43,832	940	201,177
Wisconsin									
June 1993	W	W	106,889	W	W	50,509	25,069	456	157,398
May 1993	W	W	103,890	W	W	47,629	25,738	323	151,519
June 1992	W	W	104,216	W	W	46,309	25,750	276	150,525
PAD District III Total									
June 1993	155,468	5,282	933,923	107,936	1,897	592,321	263,404	7,179	1,516,244
May 1993	158,103	6,399	934,303	92,285	2,253	553,767	250,388	8,652	1,488,070
June 1992	167,188	5,167	968,960	96,934	1,470	455,594	264,122	6,637	1,424,554
Alabama									
June 1993	11,072	W	124,832	2,921	W	29,395	13,993	1,129	154,227
May 1993	11,179	W	118,752	3,042	W	30,169	14,221	1,044	148,921
June 1992	11,583	W	110,354	3,233	W	23,973	14,816	1,032	134,327
Arkansas									
June 1993	W	W	67,841	W	W	57,246	10,502	107	125,087
May 1993	W	W	65,724	W	W	43,525	10,501	W	109,249
June 1992	W	W	61,362	W	W	35,773	11,998	154	97,135
Louisiana									
June 1993	19,667	1,009	115,054	5,165	23	44,506	24,832	1,032	159,560
May 1993	20,270	1,125	126,316	4,548	70	54,601	24,818	1,195	180,917
June 1992	20,923	882	143,387	4,619	96	54,822	25,542	976	188,209
Mississippi									
June 1993	W	124	95,466	W	177	41,988	4,564	301	137,454
May 1993	W	W	87,557	W	174	37,507	4,652	W	125,064
June 1992	W	308	79,857	W	84	37,516	5,674	392	117,372
New Mexico									
June 1993	3,176	378	30,618	7,552	101	25,933	10,728	479	56,551
May 1993	3,062	424	30,040	6,762	124	23,361	9,824	548	53,391
June 1992	3,095	W	33,396	6,868	W	22,298	9,963	388	55,694
Texas									
June 1993	116,522	2,602	500,112	82,263	1,529	383,253	196,785	4,131	883,365
May 1993	118,595	2,856	505,914	87,777	1,841	364,814	186,372	4,697	870,528
June 1992	124,780	2,601	540,604	71,350	1,092	281,213	196,130	3,693	821,817
PAD District IV Total									
June 1993	37,897	637	164,807	32,497	685	96,960	70,394	1,322	263,767
May 1993	37,476	587	146,621	28,803	648	95,969	66,279	1,235	242,590
June 1992	39,117	509	152,535	28,159	1,026	102,617	67,276	1,535	255,152

See footnotes at end of table.

**Table 42. Refiner Total Motor Gasoline Volumes by Seller,
PAD District, and State (Continued)**
(Thousand Gallons)

Geographic Area Month	Major Refiners			Other Refiners			Total		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Colorado									
June 1993	26,397	W	52,174	29,065	W	34,445	55,462	W	86,819
May 1993	25,863	W	48,066	25,878	W	35,375	51,741	W	83,461
June 1992	25,591	W	47,457	25,074	W	37,412	50,665	W	84,669
Idaho									
June 1993	-	W	30,394	W	-	16,021	W	W	46,415
May 1993	-	W	27,559	W	-	15,082	W	W	42,641
June 1992	W	W	29,355	W	-	16,417	534	W	45,772
Montana									
June 1993	-	W	29,929	W	W	17,617	W	266	47,546
May 1993	-	W	23,609	W	W	14,394	W	148	38,003
June 1992	W	W	24,256	W	W	16,002	W	231	40,256
Utah									
June 1993	W	W	40,501	W	W	19,196	11,666	649	59,697
May 1993	W	W	37,709	W	W	20,294	11,817	670	58,003
June 1992	W	W	40,910	W	W	21,456	10,937	534	62,366
Wyoming									
June 1993	W	W	11,809	W	W	11,681	2,263	85	23,490
May 1993	W	W	9,658	W	W	10,824	2,020	123	20,482
June 1992	W	W	10,557	1,399	W	11,330	W	261	21,867
PAD District V Total									
June 1993	243,852	10,309	1,199,865	83,167	3,772	216,049	327,019	14,081	1,415,914
May 1993	223,754	11,037	1,228,464	82,817	3,267	219,206	306,571	14,304	1,447,670
June 1992	234,865	12,620	1,261,939	77,604	6,345	261,044	312,469	18,965	1,622,993
Alaska									
June 1993	W	W	W	W	NA	W	7,085	NA	14,225
May 1993	W	W	W	W	W	W	6,752	1,579	12,831
June 1992	W	W	W	W	W	W	6,144	1,406	15,057
Arizona									
June 1993	W	W	77,558	W	W	11,652	36,272	1,168	69,210
May 1993	W	W	81,256	W	W	12,103	34,132	888	93,359
June 1992	W	W	81,825	W	W	12,492	35,767	1,886	94,317
California									
June 1993	151,182	W	803,976	60,750	W	158,300	211,942	6,385	962,276
May 1993	139,120	W	830,454	60,801	W	158,252	199,921	7,087	888,706
June 1992	143,883	8,700	851,378	55,717	2,195	199,970	199,600	10,895	1,051,346
Hawaii									
June 1993	W	W	W	W	W	W	5,615	W	21,649
May 1993	W	W	W	W	W	W	5,683	W	21,578
June 1992	W	W	W	W	W	W	5,601	3,024	23,263
Nevada									
June 1993	W	W	50,040	W	W	10,606	4,923	963	60,646
May 1993	W	W	45,400	W	W	10,946	4,077	689	56,346
June 1992	W	W	49,779	W	W	10,641	5,074	431	60,420
Oregon									
June 1993	W	W	86,004	W	W	NA	15,210	500	98,002
May 1993	W	348	88,426	W	W	12,907	13,650	W	101,333
June 1992	W	W	95,226	W	W	11,203	13,536	330	106,429
Washington									
June 1993	W	530	153,817	W	-	16,089	45,972	530	169,906
May 1993	W	509	155,679	W	-	17,840	42,356	509	173,519
June 1992	W	W	154,371	W	W	17,788	46,747	993	172,159

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Totals may not equal the sum of components due to rounding.

Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 43. Refiner Motor Gasoline Volumes by Grade,
PAD District, and State**
(Thousand Gallons)

Geographic Area Month	Leaded Regular		Unleaded Regular		Unleaded Midgrade		Premium	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
U.S. Total								
June 1993	18,365	102,091	1,184,760	5,722,602	283,772	850,099	328,295	1,609,178
May 1993	17,105	102,118	1,165,408	5,631,648	281,937	851,980	319,800	1,599,666
June 1992	24,076	134,846	1,189,493	5,599,179	277,187	842,735	319,842	1,572,989
PAD District I Total								
June 1993	W	W	276,870	1,659,398	W	W	111,801	720,667
May 1993	W	W	285,224	1,640,199	W	W	106,549	721,196
June 1992	W	W	292,584	1,623,581	W	W	106,122	702,866
Subdistrict IA Total								
June 1993	-	-	13,260	223,648	4,220	47,630	5,764	86,724
May 1993	-	-	14,885	196,872	4,301	46,427	5,837	81,561
June 1992	-	-	12,604	243,648	4,034	47,536	5,606	83,074
Connecticut								
June 1993	-	-	W	63,431	927	15,391	1,369	24,818
May 1993	-	-	2,944	52,979	1,003	15,190	W	24,285
June 1992	-	-	2,363	57,126	867	16,530	W	26,286
Maine								
June 1993	-	-	188	31,507	W	4,929	W	8,181
May 1993	-	-	W	29,514	W	4,853	W	6,847
June 1992	-	-	W	26,556	W	4,874	W	6,650
Massachusetts								
June 1993	-	-	7,273	95,510	2,236	19,204	3,000	40,398
May 1993	-	-	8,313	77,608	2,212	18,759	2,961	37,916
June 1992	-	-	6,792	124,846	2,111	17,969	2,897	36,106
New Hampshire								
June 1993	-	-	1,657	11,467	W	W	729	W
May 1993	-	-	1,852	9,953	496	2,480	716	3,097
June 1992	-	-	1,616	11,735	W	W	621	W
Rhode Island								
June 1993	-	-	1,510	18,580	570	4,500	W	8,519
May 1993	-	-	1,504	23,661	W	4,544	649	8,427
June 1992	-	-	1,610	20,021	590	4,505	717	9,282
Vermont								
June 1993	-	-	W	3,153	-	W	-	W
May 1993	-	-	W	3,085	-	601	-	989
June 1992	-	-	W	3,364	-	W	-	W
Subdistrict IB Total								
June 1993	W	W	106,813	675,830	W	W	42,545	332,147
May 1993	W	W	108,694	695,311	W	W	38,248	339,055
June 1992	W	W	108,192	657,152	W	W	38,330	340,887
Delaware								
June 1993	-	-	W	16,270	269	5,356	209	5,029
May 1993	-	-	669	16,004	262	5,597	W	5,279
June 1992	-	-	593	14,910	W	5,563	W	5,787
District of Columbia								
June 1993	-	-	W	4,182	W	2,662	W	6,200
May 1993	-	-	W	4,276	W	2,710	W	6,298
June 1992	-	-	W	4,554	W	2,768	W	6,631
Maryland								
June 1993	-	-	853	85,912	146	31,927	W	44,302
May 1993	-	-	1,061	93,688	269	32,248	307	46,856
June 1992	-	-	W	77,619	276	32,314	280	42,346
New Jersey								
June 1993	-	-	20,563	160,043	5,768	31,071	11,179	94,956
May 1993	-	-	20,808	153,318	5,764	32,343	10,945	81,930
June 1992	-	-	18,959	173,945	5,775	31,780	10,745	109,367
New York								
June 1993	W	W	41,269	195,750	7,590	W	16,532	100,573
May 1993	W	W	41,458	206,867	8,066	W	12,992	107,729
June 1992	W	W	42,568	179,708	W	W	14,363	100,287
Pennsylvania								
June 1993	W	W	43,440	213,673	W	W	14,421	81,087
May 1993	W	W	W	221,158	12,876	W	13,768	80,863
June 1992	W	W	44,904	206,416	13,012	W	W	76,469
Subdistrict IC Total								
June 1993	W	-	168,797	759,920	W	195,261	63,492	301,798
May 1993	W	-	181,845	748,016	W	194,262	62,484	300,580
June 1992	W	W	171,788	722,781	W	W	62,186	278,905

See footnotes at end of table.

**Table 43. Refiner Motor Gasoline Volumes by Grade,
PAD District, and State (Continued)**
(Thousand Gallons)

Geographic Area Month	Leaded Regular		Unleaded Regular		Unleaded Midgrade		Premium	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Florida								
June 1993	-	-	60,795	213,665	23,635	62,829	31,744	107,622
May 1993	-	-	62,653	215,437	24,610	66,332	33,305	112,273
June 1992	-	-	67,865	197,952	25,561	60,411	33,300	101,099
Georgia								
June 1993	-	-	30,845	147,943	10,248	34,225	10,538	53,960
May 1993	-	-	31,482	143,143	10,384	33,010	10,651	52,431
June 1992	-	-	31,832	139,008	9,948	35,047	9,971	48,767
North Carolina								
June 1993	-	-	15,458	168,565	4,599	36,457	3,954	54,106
May 1993	-	-	16,346	163,506	4,696	36,024	4,013	52,159
June 1992	-	-	19,413	160,477	4,956	37,146	4,130	48,658
South Carolina								
June 1993	-	-	19,624	79,323	5,294	17,904	5,512	23,609
May 1993	-	-	20,510	77,970	5,604	17,182	5,036	22,293
June 1992	-	-	20,437	78,188	5,184	17,294	4,392	21,094
Virginia								
June 1993	-	-	18,389	132,775	6,370	39,214	9,425	57,341
May 1993	-	-	18,903	131,313	6,459	37,506	7,152	56,567
June 1992	-	-	19,509	127,120	7,213	37,200	7,604	53,457
West Virginia								
June 1993	W	-	11,686	17,649	W	4,632	2,319	5,159
May 1993	W	-	11,751	16,847	W	4,208	2,307	4,857
June 1992	W	W	12,712	19,956	W	W	2,789	5,830
PAD District II Total								
June 1993	W	W	466,414	1,801,070	W	W	93,856	334,501
May 1993	W	W	466,105	1,758,082	W	W	93,832	313,288
June 1992	W	W	461,962	1,733,775	W	W	90,097	309,260
Illinois								
June 1993	-	W	55,160	216,014	12,841	W	13,441	51,663
May 1993	-	W	54,700	213,838	12,958	W	14,328	40,155
June 1992	-	W	52,158	197,532	12,571	W	12,689	51,324
Indiana								
June 1993	W	W	37,330	113,783	7,925	W	W	25,008
May 1993	W	W	36,777	117,082	7,780	W	W	24,837
June 1992	W	W	36,331	127,272	7,524	W	W	22,391
Iowa								
June 1993	W	-	8,378	99,324	428	724	871	7,778
May 1993	W	-	8,315	93,873	438	943	835	7,002
June 1992	W	-	9,494	98,912	1,151	1,898	W	8,332
Kansas								
June 1993	-	16	16,884	103,118	1,681	1,976	2,450	9,640
May 1993	-	W	16,007	97,574	1,611	W	2,337	8,048
June 1992	W	41	14,918	104,968	1,752	2,632	W	9,619
Kentucky								
June 1993	W	W	20,337	79,651	W	W	5,134	21,154
May 1993	W	W	20,407	76,968	W	W	5,266	19,812
June 1992	W	68	19,359	74,717	4,596	15,481	W	18,384
Michigan								
June 1993	-	1,121	72,656	216,523	11,750	26,789	12,821	45,476
May 1993	-	1,364	72,294	216,263	11,542	26,401	11,868	42,355
June 1992	W	1,509	73,154	204,968	11,983	25,102	W	41,784
Minnesota								
June 1993	W	-	35,509	116,650	5,268	6,646	W	10,429
May 1993	W	-	34,815	105,749	5,234	6,285	W	10,065
June 1992	W	-	31,049	107,068	4,811	6,736	W	10,560
Missouri								
June 1993	-	-	29,150	120,661	5,676	8,030	6,058	25,088
May 1993	-	-	29,062	116,658	5,736	9,564	6,026	22,233
June 1992	W	-	28,122	116,774	6,369	10,459	W	22,953
Nebraska								
June 1993	W	W	5,192	57,795	256	W	W	3,584
May 1993	W	W	5,327	53,196	317	W	W	3,062
June 1992	W	W	4,631	54,725	1,817	W	537	3,050
North Dakota								
June 1993	-	W	413	27,402	W	W	39	1,584
May 1993	W	W	446	25,884	W	W	42	1,398
June 1992	W	W	515	26,515	46	W	81	1,469

See footnotes at end of table.

**Table 43. Refiner Motor Gasoline Volumes by Grade,
PAD District, and State (Continued)**
(Thousand Gallons)

Geographic Area Month	Leaded Regular		Unleaded Regular		Unleaded Midgrade		Premium	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Ohio								
June 1993	W	W	121,084	176,280	31,717	W	W	35,990
May 1993	W	W	121,367	181,770	31,856	W	W	35,249
June 1992	W	W	124,740	174,253	31,488	W	W	32,864
Oklahoma								
June 1993	-	56	18,027	174,532	3,719	2,123	4,033	24,338
May 1993	-	49	19,106	168,883	3,804	3,448	4,055	21,622
June 1992	W	1,499	19,588	160,634	W	2,716	4,524	24,034
South Dakota								
June 1993	-	W	694	32,191	W	W	W	2,538
May 1993	-	W	716	28,821	W	W	W	2,043
June 1992	-	W	708	32,258	W	W	28	2,212
Tennessee								
June 1993	-	-	26,037	139,916	9,194	32,859	8,875	48,743
May 1993	-	-	26,596	137,622	9,196	31,854	9,133	47,194
June 1992	-	W	27,165	129,711	9,147	W	8,460	41,616
Wisconsin								
June 1993	-	-	19,569	127,230	2,737	8,680	3,225	21,488
May 1993	-	-	20,170	123,903	2,706	8,301	3,185	19,316
June 1992	-	-	20,032	123,468	2,739	8,369	3,255	18,688
PAD District III Total								
June 1993	1,393	10,030	163,195	1,125,294	51,479	143,294	54,516	237,626
May 1993	1,260	10,035	154,471	1,081,646	49,380	142,541	53,949	253,848
June 1992	1,699	13,558	164,045	1,039,754	51,125	138,094	53,890	233,148
Alabama								
June 1993	-	-	8,906	102,194	3,134	19,958	3,082	32,075
May 1993	-	-	8,921	98,265	3,142	20,040	3,202	30,616
June 1992	-	-	9,818	92,047	3,225	17,637	2,805	24,643
Arkansas								
June 1993	-	W	7,373	93,726	1,929	W	1,307	22,194
May 1993	-	W	7,848	80,709	2,007	W	W	19,347
June 1992	-	W	8,386	70,355	2,227	W	1,539	16,719
Louisiana								
June 1993	-	-	14,218	103,032	5,435	20,852	6,211	35,676
May 1993	-	-	14,205	121,282	5,408	21,303	6,400	38,332
June 1992	-	-	14,767	134,204	5,340	24,716	6,413	39,289
Mississippi								
June 1993	-	-	3,162	103,373	877	13,067	836	21,014
May 1993	-	-	3,205	90,945	889	12,768	W	21,351
June 1992	-	-	4,093	79,680	W	11,134	W	26,558
New Mexico								
June 1993	W	6,321	8,312	42,848	W	1,943	1,261	5,439
May 1993	1,060	6,296	7,825	40,813	428	1,531	1,059	4,751
June 1992	1,165	8,376	7,660	41,115	W	826	W	5,377
Texas								
June 1993	W	W	121,234	680,121	W	W	41,819	121,228
May 1993	200	W	112,467	649,632	37,486	W	40,916	139,451
June 1992	634	W	119,321	622,353	38,842	W	41,126	120,562
PAD District IV Total								
June 1993	1,378	27,852	47,416	186,530	11,543	10,137	11,379	39,248
May 1993	1,360	24,464	44,983	174,181	10,671	9,090	10,520	34,855
June 1992	3,748	36,026	45,766	174,083	8,164	8,274	11,133	36,769
Colorado								
June 1993	W	1,643	37,691	65,093	W	7,656	7,796	12,227
May 1993	W	1,471	35,892	63,848	W	6,850	6,934	11,292
June 1992	2,311	6,228	34,868	58,756	W	6,370	7,519	13,515
Idaho								
June 1993	80	W	377	31,778	-	W	W	5,249
May 1993	71	8,463	290	29,306	-	W	W	W
June 1992	113	10,857	482	30,659	-	-	W	4,256
Montana								
June 1993	W	8,741	727	31,949	-	-	W	6,856
May 1993	W	6,708	422	25,997	-	-	W	6,298
June 1992	W	7,932	2,096	26,930	-	-	W	5,396

See footnotes at end of table.

**Table 43. Refiner Motor Gasoline Volumes by Grade,
PAD District, and State (Continued)**
(Thousand Gallons)

Geographic Area Month	Leaded Regular		Unleaded Regular		Unleaded Midgrade		Premium	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Utah								
June 1993	W	5,757	6,937	40,238	W	2,251	3,017	11,451
May 1993	W	W	7,008	39,848	W	W	3,108	10,735
June 1992	W	8,111	6,584	41,656	W	W	2,628	W
Wyoming								
June 1993	232	W	1,684	17,472	-	W	432	3,465
May 1993	218	W	1,551	15,182	-	W	374	W
June 1992	W	2,898	1,768	16,082	-	W	456	W
PAD District V Total								
June 1993	15,232	60,047	230,865	950,309	38,260	128,422	56,743	277,136
May 1993	14,111	61,681	214,645	977,540	37,169	131,970	54,950	276,479
June 1992	17,621	77,063	225,136	1,027,986	30,077	126,988	58,600	290,946
Alaska								
June 1993	W	681	7,419	12,199	-	-	1,003	1,345
May 1993	432	571	6,993	10,959	-	-	906	1,301
June 1992	561	1,275	5,715	12,254	-	-	1,254	1,528
Arizona								
June 1993	4,336	12,542	26,531	82,376	183	491	6,390	13,601
May 1993	4,138	13,704	24,615	65,197	177	535	6,090	13,923
June 1992	5,021	15,698	26,284	64,463	167	492	6,161	13,664
California								
June 1993	W	NA	144,195	640,399	W	120,454	37,850	201,422
May 1993	W	-	134,828	660,640	W	124,034	36,927	204,032
June 1992	W	W	142,879	709,805	28,198	119,514	W	W
Hawaii								
June 1993	-	-	4,989	11,632	W	2,417	2,346	7,600
May 1993	-	-	5,341	11,595	W	2,427	2,349	7,554
June 1992	-	-	5,315	13,249	992	2,211	2,318	7,793
Nevada								
June 1993	-	132	4,339	44,498	714	4,854	833	11,152
May 1993	-	127	3,499	42,643	612	4,897	655	8,579
June 1992	W	641	4,021	45,757	W	4,738	759	9,284
Oregon								
June 1993	2,428	18,659	11,241	67,197	W	-	W	12,146
May 1993	2,190	18,337	10,008	71,528	W	-	1,878	11,468
June 1992	2,559	W	9,482	70,770	W	W	W	11,447
Washington								
June 1993	8,019	28,031	32,151	112,009	W	206	W	29,660
May 1993	W	28,942	29,361	114,978	W	77	6,145	29,522
June 1992	9,425	35,037	31,440	111,688	-	W	6,875	W

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Totals may not equal the sum of components due to rounding.

Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 44. Refiner Volumes of Aviation Fuels and Propane
by PAD District and State**
(Thousand Gallons)

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
U.S. Total						
June 1993	7,027	24,387	1,264,149	215,988	68,420	696,091
May 1993	6,899	22,384	1,287,281	221,947	60,486	590,453
June 1992	7,373	24,701	1,237,516	254,179	80,830	619,974
PAD District I Total						
June 1993	3,024	3,749	366,080	36,758	13,224	79,980
May 1993	2,994	3,153	367,054	39,930	11,845	67,027
June 1992	3,014	3,802	348,057	37,543	13,307	74,630
Subdistrict IA Total						
June 1993	W	W	34,183	2,423	W	5,936
May 1993	W	W	32,224	2,297	W	3,825
June 1992	W	W	36,334	972	W	4,939
Connecticut						
June 1993	W	W	6,309	W	W	1,155
May 1993	W	W	7,114	296	W	834
June 1992	W	W	7,495	154	W	1,594
Maine						
June 1993	W	-	W	W	W	120
May 1993	W	-	W	W	W	112
June 1992	W	-	W	W	W	112
Massachusetts						
June 1993	W	W	22,304	1,956	W	2,471
May 1993	W	W	19,943	W	W	1,476
June 1992	W	W	21,790	722	W	1,670
New Hampshire						
June 1993	W	W	874	W	W	1,259
May 1993	W	W	760	W	W	1,069
June 1992	W	W	684	W	W	956
Rhode Island						
June 1993	W	W	1,427	W	-	656
May 1993	W	W	1,365	W	-	138
June 1992	W	W	1,449	W	-	175
Vermont						
June 1993	W	W	W	W	W	275
May 1993	W	W	W	W	W	386
June 1992	W	W	W	W	W	432
Subdistrict IB Total						
June 1993	W	W	186,397	25,216	W	32,055
May 1993	W	W	177,371	27,516	W	29,353
June 1992	W	W	178,370	28,072	W	31,179
Delaware						
June 1993	W	-	W	W	-	W
May 1993	W	-	108	W	-	W
June 1992	W	-	60	W	-	W
District of Columbia						
June 1993	-	-	W	-	-	-
May 1993	W	-	-	-	-	-
June 1992	-	-	-	-	-	-
Maryland						
June 1993	W	W	6,488	W	W	W
May 1993	W	W	6,655	W	W	W
June 1992	W	W	7,146	W	W	W
New Jersey						
June 1993	255	W	144,249	15,664	W	7,939
May 1993	266	W	133,343	14,869	W	6,172
June 1992	W	W	132,739	16,896	275	6,643
New York						
June 1993	W	W	9,025	1,791	W	4,306
May 1993	W	181	8,827	6,771	W	3,715
June 1992	W	W	8,960	6,002	W	5,157
Pennsylvania						
June 1993	W	142	26,086	7,424	564	17,387
May 1993	W	115	28,440	5,498	W	18,096
June 1992	W	92	29,465	4,733	W	16,288
Subdistrict IC Total						
June 1993	1,740	2,620	145,490	9,119	9,228	41,989
May 1993	1,777	2,302	157,459	10,117	7,843	33,849
June 1992	1,717	2,810	133,353	8,499	8,960	38,512

See footnotes at end of table.

**Table 44. Refiner Volumes of Aviation Fuels and Propane
by PAD District and State (Continued)**
(Thousand Gallons)

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Florida						
June 1993	1,087	1,080	59,572	4,890	W	10,634
May 1993	1,093	1,037	69,608	5,745	W	11,052
June 1992	1,121	1,174	58,969	4,706	W	9,804
Georgia						
June 1993	188	587	39,234	1,862	W	8,491
May 1993	161	W	45,458	2,024	W	6,847
June 1992	161	580	32,003	1,482	W	7,151
North Carolina						
June 1993	W	W	10,226	776	3,081	10,580
May 1993	127	W	8,623	940	1,799	7,168
June 1992	118	W	6,643	635	2,926	10,957
South Carolina						
June 1993	W	302	W	W	634	8,922
May 1993	W	231	W	W	W	4,806
June 1992	W	179	2,044	W	NA	6,511
Virginia						
June 1993	W	W	33,812	1,200	655	W
May 1993	W	W	31,486	908	628	W
June 1992	120	298	33,054	1,350	614	3,054
West Virginia						
June 1993	W	W	W	W	W	W
May 1993	W	W	W	W	W	W
June 1992	W	W	640	W	W	355
PAD District II Total						
June 1993	1,718	6,002	242,900	28,440	18,308	210,207
May 1993	1,608	5,645	257,101	36,190	16,057	177,143
June 1992	1,574	6,576	224,713	32,206	22,442	180,157
Illinois						
June 1993	W	W	39,428	2,364	3,152	22,060
May 1993	W	W	38,905	2,455	2,513	23,074
June 1992	W	W	29,959	1,852	2,404	16,147
Indiana						
June 1993	61	783	44,900	5,303	1,610	7,015
May 1993	57	814	49,072	11,269	1,125	5,536
June 1992	56	991	45,254	12,888	1,538	6,925
Iowa						
June 1993	W	321	1,334	591	W	5,905
May 1993	W	336	1,114	499	W	3,443
June 1992	W	387	W	843	W	5,800
Kansas						
June 1993	W	460	7,825	W	W	100,010
May 1993	W	575	11,847	541	W	76,752
June 1992	W	524	8,000	457	W	66,536
Kentucky						
June 1993	W	125	12,434	1,678	W	8,265
May 1993	58	W	12,012	3,683	W	4,287
June 1992	52	W	19,987	286	4,331	8,661
Michigan						
June 1993	W	W	28,834	2,164	5,578	5,942
May 1993	W	W	28,590	1,488	5,272	6,072
June 1992	W	W	27,159	1,276	5,264	6,853
Minnesota						
June 1993	W	821	26,084	1,838	W	9,480
May 1993	W	593	27,407	1,501	W	9,163
June 1992	W	848	11,492	1,783	W	9,636
Missouri						
June 1993	W	472	10,223	2,525	W	7,618
May 1993	W	327	9,171	2,581	W	7,282
June 1992	W	423	8,367	2,158	351	7,695
Nebraska						
June 1993	W	259	1,882	487	-	2,299
May 1993	W	234	1,635	438	-	1,955
June 1992	W	240	1,668	486	W	3,390
North Dakota						
June 1993	44	W	615	181	W	4,183
May 1993	W	W	498	W	W	2,675
June 1992	W	W	606	W	W	6,321

See footnotes at end of table.

**Table 44. Refiner Volumes of Aviation Fuels and Propane
by PAD District and State (Continued)**
(Thousand Gallons)

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Ohio						
June 1993	W	476	28,718	2,537	1,308	12,638
May 1993	W	433	29,514	2,685	1,200	14,531
June 1992	W	422	28,508	3,611	1,356	20,187
Oklahoma						
June 1993	W	335	19,445	6,124	112	11,903
May 1993	W	W	23,898	6,734	209	11,192
June 1992	40	477	27,087	4,028	W	12,138
South Dakota						
June 1993	W	W	470	W	W	1,120
May 1993	W	W	410	W	W	880
June 1992	W	W	W	W	W	828
Tennessee						
June 1993	W	409	18,485	1,095	W	3,462
May 1993	W	395	19,154	1,083	W	2,312
June 1992	160	367	10,706	1,155	W	4,181
Wisconsin						
June 1993	W	512	4,226	855	1,983	9,111
May 1993	-	430	3,876	879	1,906	7,987
June 1992	W	475	4,139	983	1,457	5,861
PAD District III Total						
June 1993	515	5,239	255,157	93,657	26,904	341,150
May 1993	568	4,798	274,443	80,464	22,168	285,576
June 1992	665	5,609	278,212	115,446	34,156	294,667
Alabama						
June 1993	116	359	3,500	547	579	6,154
May 1993	108	279	3,357	632	608	5,539
June 1992	109	317	3,599	533	572	6,221
Arkansas						
June 1993	W	W	354	974	W	3,133
May 1993	W	W	420	838	W	2,528
June 1992	W	W	358	916	W	1,722
Louisiana						
June 1993	W	188	58,416	15,815	8,471	19,147
May 1993	W	219	69,725	14,940	W	17,203
June 1992	W	274	75,127	20,468	W	35,147
Mississippi						
June 1993	W	276	14,090	4,679	W	18,814
May 1993	115	W	10,052	4,517	W	13,148
June 1992	100	417	19,292	8,784	W	9,752
New Mexico						
June 1993	W	W	4,418	1,039	W	10,585
May 1993	W	W	3,563	725	W	14,485
June 1992	W	W	3,356	801	2,881	7,904
Texas						
June 1993	200	3,340	174,379	70,803	9,971	283,317
May 1993	173	3,418	187,326	59,812	6,182	232,693
June 1992	250	3,605	176,460	84,144	19,771	233,921
PAD District IV Total						
June 1993	439	1,402	37,762	3,837	2,172	19,789
May 1993	335	1,103	39,542	3,559	1,934	18,822
June 1992	429	1,504	35,118	3,378	2,064	20,306
Colorado						
June 1993	W	559	20,054	2,563	47	6,131
May 1993	W	396	20,694	2,368	45	5,911
June 1992	W	573	17,741	2,348	21	5,862
Idaho						
June 1993	W	107	1,309	251	W	73
May 1993	-	114	1,048	363	W	62
June 1992	W	129	1,086	286	W	132
Montana						
June 1993	W	W	1,780	W	W	5,144
May 1993	W	W	1,911	W	W	4,752
June 1992	W	W	1,573	W	W	5,044

See footnotes at end of table.

**Table 44. Refiner Volumes of Aviation Fuels and Propane
by PAD District and State (Continued)**
(Thousand Gallons)

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Utah						
June 1993	40	551	14,322	718	W	1,931
May 1993	12	471	15,753	568	W	2,272
June 1992	48	613	14,407	441	W	2,607
Wyoming						
June 1993	W	W	317	W	NA	6,510
May 1993	W	W	138	W	291	6,825
June 1992	W	W	311	W	W	6,461
PAD District V Total						
June 1993	1,331	7,995	362,230	53,296	8,812	44,965
May 1993	1,394	7,685	349,141	61,804	8,482	41,665
June 1992	1,691	7,210	351,416	65,606	8,861	50,213
Alaska						
June 1993	W	1,304	42,793	2,054	W	W
May 1993	W	1,359	33,487	2,086	W	W
June 1992	W	W	39,807	2,801	W	W
Arizona						
June 1993	W	511	16,525	3,269	W	347
May 1993	W	395	23,266	3,052	W	248
June 1992	W	W	16,758	1,024	W	NA
California						
June 1993	675	3,066	203,892	41,099	W	30,154
May 1993	822	3,098	203,453	43,779	W	28,608
June 1992	822	3,346	189,748	51,203	W	33,587
Hawaii						
June 1993	W	W	25,807	W	W	W
May 1993	W	W	23,564	220	W	W
June 1992	W	W	31,332	W	W	W
Nevada						
June 1993	W	207	12,266	2,034	W	338
May 1993	W	W	13,902	3,060	W	479
June 1992	W	W	11,583	1,671	W	350
Oregon						
June 1993	W	706	11,390	W	W	176
May 1993	W	541	11,353	1,006	W	291
June 1992	W	669	11,627	W	W	W
Washington						
June 1993	83	W	49,557	3,005	W	11,247
May 1993	W	2,063	40,116	8,601	W	9,557
June 1992	W	W	50,561	7,983	W	11,688

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Note: PAD District and U.S. totals equal the sum of the volumes for all States. In certain PAD Districts, however, volumes are not shown for every State.

Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 45. Refiner Volumes of Kerosene and Distillates
by PAD District and State**
(Thousand Gallons)

Geographic Area Month	Kerosene		No. 1 Distillate		No. 2 Distillate	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
U.S. Total						
June 1993	3,452	23,701	7,770	19,927	722,252	2,849,854
May 1993	2,421	26,545	7,235	20,049	691,179	2,813,357
June 1992	3,541	27,998	7,228	18,737	748,655	2,771,120
PAD District I Total						
June 1993	2,147	12,888	953	1,663	215,283	792,919
May 1993	1,589	6,700	842	1,657	205,418	742,007
June 1992	W	6,214	725	1,455	226,462	741,068
Subdistrict IA Total						
June 1993	55	773	287	W	12,597	85,492
May 1993	19	619	281	352	10,330	72,035
June 1992	W	633	W	136	11,882	84,740
Connecticut						
June 1993	W	330	-	W	3,347	43,109
May 1993	W	W	-	W	2,726	25,078
June 1992	-	439	-	W	2,327	33,076
Maine						
June 1993	W	125	-	51	1,063	7,732
May 1993	W	225	W	68	868	8,091
June 1992	-	71	-	W	940	7,915
Massachusetts						
June 1993	W	W	W	W	6,251	21,206
May 1993	W	W	W	W	5,313	23,066
June 1992	W	72	-	W	7,008	29,410
New Hampshire						
June 1993	-	W	W	W	425	W
May 1993	-	W	W	W	271	W
June 1992	-	W	W	W	496	3,459
Rhode Island						
June 1993	-	W	W	-	1,131	8,934
May 1993	-	W	W	W	769	12,289
June 1992	-	W	W	W	731	8,709
Vermont						
June 1993	-	W	-	W	380	W
May 1993	-	W	-	W	383	W
June 1992	-	W	-	W	380	2,171
Subdistrict IB Total						
June 1993	2,010	9,141	167	1,039	78,011	388,214
May 1993	1,455	3,453	60	814	73,560	363,099
June 1992	W	3,127	W	533	70,360	376,289
Delaware						
June 1993	-	W	-	-	W	12,552
May 1993	-	W	-	W	W	12,665
June 1992	-	W	-	W	1,702	13,721
District of Columbia						
June 1993	-	-	-	-	W	1,321
May 1993	-	-	-	-	W	406
June 1992	-	-	-	-	82	307
Maryland						
June 1993	W	W	-	W	8,810	18,985
May 1993	W	W	-	W	9,442	19,308
June 1992	W	W	W	W	9,822	23,751
New Jersey						
June 1993	W	6,256	W	W	18,396	123,505
May 1993	W	1,478	W	W	14,546	134,737
June 1992	W	467	W	88	13,308	141,304
New York						
June 1993	1,391	695	W	343	19,717	88,510
May 1993	W	720	W	W	18,077	70,860
June 1992	W	1,278	W	W	17,964	81,536
Pennsylvania						
June 1993	73	2,061	W	548	28,679	143,341
May 1993	35	1,071	W	449	28,940	125,123
June 1992	113	1,194	W	W	27,502	115,870
Subdistrict IC Total						
June 1993	82	2,974	499	W	124,675	319,213
May 1993	95	2,628	501	491	121,528	306,873
June 1992	66	2,454	299	786	144,200	280,039

See footnotes at end of table.

**Table 45. Refiner Volumes of Kerosene and Distillates
by PAD District and State (Continued)**
(Thousand Gallons)

Geographic Area Month	Kerosene		No. 1 Distillate		No. 2 Distillate	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Florida						
June 1993	W	456	W	W	38,924	75,921
May 1993	13	332	W	W	37,499	80,633
June 1992	W	298	W	W	45,903	67,160
Georgia						
June 1993	31	254	-	44	25,447	65,733
May 1993	36	314	W	W	26,224	59,387
June 1992	11	225	-	W	28,596	49,491
North Carolina						
June 1993	12	1,068	W	W	19,865	69,280
May 1993	W	1,107	W	W	18,907	63,762
June 1992	14	852	12	543	22,996	59,905
South Carolina						
June 1993	16	390	W	-	11,168	27,873
May 1993	W	289	-	-	11,191	26,064
June 1992	11	388	-	-	12,324	24,904
Virginia						
June 1993	W	735	172	94	17,511	65,415
May 1993	15	537	W	73	15,730	64,287
June 1992	W	563	W	122	23,027	61,739
West Virginia						
June 1993	6	71	W	W	11,760	14,991
May 1993	18	49	W	W	11,977	11,820
June 1992	13	128	W	W	11,354	16,840
PAD District II Total						
June 1993	W	1,896	4,438	10,589	266,757	837,108
May 1993	W	1,542	4,034	10,870	246,374	850,812
June 1992	638	1,600	4,341	11,476	256,832	778,035
Illinois						
June 1993	113	W	W	458	22,698	93,427
May 1993	72	59	W	384	22,313	101,084
June 1992	92	W	W	459	24,613	82,889
Indiana						
June 1993	W	201	W	349	32,649	70,237
May 1993	W	133	6	341	33,927	77,843
June 1992	13	99	W	486	35,166	65,115
Iowa						
June 1993	-	W	W	414	9,196	45,926
May 1993	-	W	W	328	8,706	53,896
June 1992	-	45	W	396	7,584	43,910
Kansas						
June 1993	-	W	-	504	12,352	76,535
May 1993	-	W	W	414	12,044	59,802
June 1992	-	W	W	1,064	13,043	83,866
Kentucky						
June 1993	W	175	W	111	23,660	41,035
May 1993	13	225	W	78	22,023	41,765
June 1992	11	146	125	225	22,845	36,035
Michigan						
June 1993	24	336	W	3,552	18,570	62,025
May 1993	28	244	W	4,729	17,334	63,847
June 1992	13	379	W	4,417	17,854	57,353
Minnesota						
June 1993	W	30	W	417	10,692	53,740
May 1993	W	W	W	343	10,147	54,874
June 1992	W	W	W	309	8,999	48,813
Missouri						
June 1993	-	34	W	476	9,391	48,186
May 1993	-	29	W	246	8,861	48,490
June 1992	-	27	W	189	10,915	50,683
Nebraska						
June 1993	-	W	-	399	W	35,315
May 1993	-	-	-	429	W	38,633
June 1992	-	-	-	269	W	38,344
North Dakota						
June 1993	-	-	-	186	W	17,242
May 1993	-	-	-	99	4,496	23,045
June 1992	W	-	-	165	W	13,983

See footnotes at end of table.

**Table 45. Refiner Volumes of Kerosene and Distillates
by PAD District and State (Continued)**
(Thousand Gallons)

Geographic Area Month	Kerosene		No. 1 Distillate		No. 2 Distillate	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Ohio						
June 1993	1,020	837	W	233	57,941	66,727
May 1993	625	666	16	244	55,815	75,119
June 1992	504	629	53	452	53,434	67,457
Oklahoma						
June 1993	-	26	W	W	19,069	78,186
May 1993	-	23	-	2,112	10,905	71,794
June 1992	-	20	W	2,131	15,531	76,040
South Dakota						
June 1993	-	-	-	392	W	17,951
May 1993	-	-	-	369	W	21,809
June 1992	-	-	-	204	W	16,470
Tennessee						
June 1993	5	151	W	W	27,772	72,555
May 1993	12	113	W	72	25,234	69,863
June 1992	W	157	W	103	27,263	63,513
Wisconsin						
June 1993	W	W	W	774	9,114	58,017
May 1993	W	4	W	682	8,679	59,052
June 1992	W	W	W	607	7,366	54,605
PAD District III Total						
June 1993	W	8,649	W	2,469	116,926	691,248
May 1993	W	W	W	1,198	119,766	669,080
June 1992	W	19,873	628	1,292	123,520	717,462
Alabama						
June 1993	W	231	W	W	12,952	42,996
May 1993	W	184	W	W	13,661	40,108
June 1992	W	83	W	W	15,781	36,070
Arkansas						
June 1993	-	190	-	W	9,258	50,231
May 1993	-	209	-	-	9,058	45,173
June 1992	-	290	-	W	11,194	43,446
Louisiana						
June 1993	W	343	-	W	15,347	113,162
May 1993	W	W	-	W	14,607	148,667
June 1992	W	17,773	-	W	16,641	122,318
Mississippi						
June 1993	-	W	W	W	6,801	91,255
May 1993	-	W	W	-	7,892	68,695
June 1992	-	W	W	W	6,956	84,391
New Mexico						
June 1993	-	W	-	30	8,027	21,720
May 1993	-	48	-	W	8,793	20,427
June 1992	-	W	-	26	8,161	21,070
Texas						
June 1993	W	369	W	666	63,541	371,864
May 1993	W	334	W	630	65,857	346,010
June 1992	W	576	770	630	64,767	410,167
PAD District IV Total						
June 1993	-	W	W	1,426	29,203	115,026
May 1993	-	W	W	1,223	30,127	111,308
June 1992	-	W	409	1,622	29,502	102,950
Colorado						
June 1993	-	W	W	455	9,350	36,751
May 1993	-	W	W	421	8,916	35,083
June 1992	-	W	W	555	8,657	31,084
Idaho						
June 1993	-	-	-	419	W	16,225
May 1993	-	-	W	336	W	16,452
June 1992	-	-	-	443	W	16,035
Montana						
June 1993	-	-	-	250	W	16,504
May 1993	-	-	-	239	W	17,731
June 1992	-	-	W	154	W	15,349

See footnotes at end of table.

**Table 45. Refiner Volumes of Kerosene and Distillates
by PAD District and State (Continued)**
(Thousand Gallons)

Geographic Area Month	Kerosene		No. 1 Distillate		No. 2 Distillate	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Utah						
June 1993	-	W	W	137	7,104	25,732
May 1993	-	W	W	91	7,244	24,807
June 1992	-	W	W	264	7,773	21,119
Wyoming						
June 1993	-	-	W	165	7,697	17,813
May 1993	-	-	W	134	8,778	17,436
June 1992	-	-	16	106	7,446	19,353
PAD District V Total						
June 1993	-	W	1,131	3,780	95,084	413,556
May 1993	-	249	1,160	5,103	89,492	432,150
June 1992	-	W	925	2,992	112,339	431,545
Alaska						
June 1993	-	-	425	2,124	8,808	10,230
May 1993	-	-	464	3,469	3,763	15,954
June 1992	-	-	388	1,862	3,604	18,107
Arizona						
June 1993	-	W	-	W	10,113	28,794
May 1993	-	-	-	W	9,806	26,403
June 1992	-	W	W	39	11,834	21,688
California						
June 1993	-	166	W	845	43,618	224,759
May 1993	-	117	W	357	39,148	242,160
June 1992	-	W	W	173	58,564	244,035
Hawaii						
June 1993	-	-	W	W	10,923	5,387
May 1993	-	-	W	W	11,464	5,020
June 1992	-	-	W	W	11,027	5,876
Nevada						
June 1993	-	-	W	W	2,704	19,119
May 1993	-	-	-	41	2,833	17,802
June 1992	-	-	W	W	2,731	18,316
Oregon						
June 1993	-	W	W	190	10,327	41,943
May 1993	-	W	W	207	12,012	48,519
June 1992	-	W	W	140	12,505	53,195
Washington						
June 1993	-	W	W	586	8,590	85,345
May 1993	-	W	-	1,014	10,476	78,292
June 1992	-	W	W	421	12,074	72,429

Dashes (-) = No data reported.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Note: PAD District and U.S. totals equal the sum of the volumes for all States. In certain PAD Districts, however, volumes are not shown for every State.

Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 46. Refiner No. 4 and Residual Fuel Oil Volumes by PAD District
(Thousand Gallons)

Geographic Area Month	No. 4 Fuel		Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent		Residual Fuel Oil Sulfur Content Greater Than 1 Percent		Total Residual	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
U.S. Total								
June 1993	10,970	4,571	182,104	168,085	331,285	168,606	513,389	334,691
May 1993	11,156	6,980	164,701	198,916	305,582	227,653	470,283	426,569
June 1992	7,419	4,183	157,020	172,780	489,214	314,700	646,234	487,480
PAD District I Total								
June 1993	6,488	2,759	146,883	96,319	134,089	12,685	280,972	109,004
May 1993	4,700	3,154	136,674	87,774	113,704	12,338	250,378	100,112
June 1992	4,733	3,083	119,389	86,096	197,332	50,627	316,721	136,723
Subdistrict IA Total								
June 1993	742	W	W	W	W	W	16,690	W
May 1993	W	W	W	W	W	W	16,658	W
June 1992	833	W	W	21,317	W	W	67,260	W
Subdistrict IB Total								
June 1993	5,221	2,261	W	46,970	W	7,785	118,329	54,765
May 1993	3,688	2,716	W	26,821	W	7,454	103,694	34,275
June 1992	W	2,223	W	64,779	W	29,430	119,035	94,209
Subdistrict IC Total								
June 1993	525	W	57,294	W	88,659	W	145,953	W
May 1993	W	W	48,095	W	81,931	W	130,026	W
June 1992	W	W	36,431	-	93,995	W	130,426	W
PAD District II Total								
June 1993	W	W	W	W	W	W	2,962	10,922
May 1993	W	W	W	W	W	W	3,796	10,476
June 1992	W	W	W	5,041	W	11,955	3,767	16,996
PAD District III Total								
June 1993	W	-	-	59,471	98,626	105,903	98,626	165,374
May 1993	W	-	-	92,240	96,272	153,937	96,272	246,177
June 1992	W	W	W	70,122	W	133,950	168,998	204,072
PAD District IV Total								
June 1993	-	-	W	W	W	W	W	3,217
May 1993	-	-	NA	W	W	W	327	3,230
June 1992	-	-	-	W	245	W	245	5,233
PAD District V Total								
June 1993	-	W	W	9,923	98,064	36,251	W	46,174
May 1993	W	NA	W	15,453	W	51,121	119,510	66,574
June 1992	W	425	W	W	W	W	158,503	124,456

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Totals may not equal the sum of components due to rounding.

Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Prime Supplier
Sales Volumes
of Petroleum
Products
for Local
Consumption**

**Table 47. Prime Supplier Sales Volumes of Motor Gasoline by Grade,
PAD District and State**
(Thousand Gallons)

Geographic Area Month	Leaded Regular	Unleaded Regular	Unleaded Midgrade	Premium	Total
U.S. Total					
June 1993	120,998	6,810,281	1,197,324	1,988,398	10,116,999
May 1993	121,390	6,770,531	1,202,733	1,959,148	10,053,801
June 1992	156,783	6,909,607	1,169,599	1,912,757	10,148,746
PAD District I Total					
June 1993	243	2,118,368	519,870	886,623	3,525,104
May 1993	203	2,129,398	526,110	890,503	3,546,212
June 1992	324	2,079,188	516,611	842,302	3,438,425
Subdistrict IA Total					
June 1993	-	304,411	69,730	114,820	488,961
May 1993	-	300,384	68,844	114,148	483,476
June 1992	-	342,047	66,286	108,437	516,770
Connecticut					
June 1993	-	66,248	19,107	30,058	115,411
May 1993	-	67,798	18,047	30,079	116,824
June 1992	-	69,925	19,381	30,431	119,737
Maine					
June 1993	-	47,897	7,822	12,309	67,828
May 1993	-	44,838	7,747	10,798	63,183
June 1992	-	43,047	7,955	9,745	60,747
Massachusetts					
June 1993	-	122,982	28,242	48,357	199,581
May 1993	-	121,906	28,301	50,627	200,834
June 1992	-	165,513	25,327	45,803	236,743
New Hampshire					
June 1993	-	24,260	4,858	7,375	36,493
May 1993	-	23,232	4,768	6,656	34,656
June 1992	-	24,085	5,038	6,831	35,954
Rhode Island					
June 1993	-	30,184	7,265	12,897	50,346
May 1993	-	30,210	6,885	12,381	49,488
June 1992	-	27,934	6,364	11,934	46,232
Vermont					
June 1993	-	13,040	2,436	3,826	19,302
May 1993	-	12,600	2,286	3,607	18,493
June 1992	-	11,543	2,221	3,693	17,357
Subdistrict IB Total					
June 1993	179	844,160	192,769	393,348	1,430,456
May 1993	W	853,288	W	395,791	1,444,515
June 1992	128	818,221	192,616	384,591	1,395,555
Delaware					
June 1993	-	21,304	7,211	6,375	34,890
May 1993	-	20,699	7,278	6,841	34,818
June 1992	-	18,785	6,994	6,981	32,740
District of Columbia					
June 1993	-	4,801	2,814	6,409	14,024
May 1993	-	4,874	2,830	6,483	14,187
June 1992	-	5,177	2,660	6,798	14,635
Maryland					
June 1993	-	89,577	33,090	45,439	168,106
May 1993	-	96,244	33,555	47,493	177,292
June 1992	-	84,727	33,668	43,825	162,240
New Jersey					
June 1993	-	185,891	40,287	108,364	332,542
May 1993	-	173,233	40,898	107,788	321,919
June 1992	-	200,079	38,903	110,816	349,798
New York					
June 1993	W	276,861	W	135,476	462,878
May 1993	114	281,798	51,148	133,062	466,122
June 1992	W	244,278	W	122,615	414,959
Pennsylvania					
June 1993	W	265,726	W	93,285	418,016
May 1993	W	276,440	W	94,024	430,077
June 1992	W	265,195	W	93,656	420,983

See footnotes at end of table.

**Table 47. Prime Supplier Sales Volumes of Motor Gasoline by Grade,
PAD District and State (Continued)**
(Thousand Gallons)

Geographic Area Month	Leaded Regular	Unleaded Regular	Unleaded Midgrade	Premium	Total
Subdistrict IC Total					
June 1993	64	989,797	257,371	378,455	1,605,667
May 1993	W	975,724	W	380,564	1,616,221
June 1992	196	918,920	257,710	349,274	1,526,100
Florida					
June 1993	-	281,883	88,517	142,082	512,482
May 1993	-	288,319	94,124	148,804	531,247
June 1992	-	266,079	88,670	134,872	487,621
Georgia					
June 1993	W	193,556	47,404	W	309,865
May 1993	W	192,623	W	68,351	308,145
June 1992	W	179,291	W	61,608	288,242
North Carolina					
June 1993	-	194,428	42,189	60,282	296,899
May 1993	-	195,781	42,500	59,840	298,121
June 1992	-	185,139	43,873	54,419	283,431
South Carolina					
June 1993	-	105,509	24,348	30,389	160,246
May 1993	-	107,803	24,604	29,308	161,713
June 1992	-	101,952	24,678	26,609	153,239
Virginia					
June 1993	-	182,584	46,928	69,011	278,523
May 1993	-	180,572	45,854	66,724	273,150
June 1992	-	151,597	46,685	62,647	260,929
West Virginia					
June 1993	W	31,837	7,985	W	47,672
May 1993	W	30,626	W	7,539	45,845
June 1992	W	34,882	W	9,119	52,636
PAD District II Total					
June 1993	5,398	2,254,712	287,079	439,119	2,986,306
May 1993	6,463	2,226,840	285,366	416,131	2,934,800
June 1992	9,375	2,227,306	287,162	405,176	2,929,910
Illinois					
June 1993	W	282,865	W	67,638	377,511
May 1993	W	283,859	W	65,201	376,314
June 1992	W	280,530	W	71,999	403,136
Indiana					
June 1993	W	160,561	W	33,861	222,312
May 1993	W	159,792	W	33,171	221,422
June 1992	W	167,408	W	29,706	226,747
Iowa					
June 1993	W	111,665	W	9,062	122,366
May 1993	W	108,057	W	8,179	117,832
June 1992	W	108,156	W	9,214	120,388
Kansas					
June 1993	16	107,136	4,320	12,770	124,242
May 1993	W	105,142	W	11,781	122,104
June 1992	60	107,451	4,367	12,068	123,946
Kentucky					
June 1993	W	108,926	W	29,961	162,553
May 1993	W	109,606	W	29,519	161,845
June 1992	121	104,463	21,957	25,909	152,450
Michigan					
June 1993	1,088	296,079	36,345	59,317	394,829
May 1993	1,350	294,475	37,912	54,883	388,620
June 1992	1,878	281,547	37,167	53,837	374,429
Minnesota					
June 1993	147	155,825	12,252	15,938	184,162
May 1993	158	143,678	11,480	15,189	170,505
June 1992	W	140,538	W	15,300	167,551
Missouri					
June 1993	NA	172,191	19,048	34,457	225,705
May 1993	W	164,671	W	31,322	216,847
June 1992	115	158,659	20,312	30,471	209,557

See footnotes at end of table.

**Table 47. Prime Supplier Sales Volumes of Motor Gasoline by Grade,
PAD District and State (Continued)**
(Thousand Gallons)

Geographic Area Month	Leaded Regular	Unleaded Regular	Unleaded Midgrade	Premium	Total
Nebraska					
June 1993	148	64,075	257	4,134	68,614
May 1993	140	58,586	314	3,559	62,599
June 1992	405	59,160	2,254	3,486	65,305
North Dakota					
June 1993	W	27,680	W	3,114	32,393
May 1993	W	26,284	W	1,441	29,265
June 1992	W	27,441	W	1,476	30,761
Ohio					
June 1993	W	296,272	W	60,031	413,066
May 1993	W	289,848	W	60,006	416,115
June 1992	W	299,700	W	53,076	406,242
Oklahoma					
June 1993	57	143,035	6,370	25,393	174,855
May 1993	52	151,087	6,637	22,922	180,698
June 1992	1,534	158,043	6,476	27,093	193,146
South Dakota					
June 1993	W	33,863	W	2,589	37,518
May 1993	W	29,788	W	2,082	32,595
June 1992	W	33,213	W	2,218	36,418
Tennessee					
June 1993	-	161,493	38,771	55,507	255,772
May 1993	-	160,851	37,679	53,665	252,195
June 1992	W	150,914	W	46,346	234,294
Wisconsin					
June 1993	W	153,246	W	25,347	190,310
May 1993	W	151,016	W	23,211	185,844
June 1992	W	150,083	W	22,977	184,648
PAD District III Total					
June 1993	11,446	1,021,794	195,554	278,605	1,507,399
May 1993	11,323	1,020,109	194,126	271,770	1,497,328
June 1992	15,147	1,145,948	192,280	270,309	1,623,684
Alabama					
June 1993	-	113,004	23,372	35,937	172,313
May 1993	-	108,919	23,657	34,662	168,228
June 1992	-	102,622	21,126	27,840	151,590
Arkansas					
June 1993	W	106,427	W	25,029	143,113
May 1993	W	94,375	W	21,971	128,055
June 1992	W	82,572	W	18,550	113,693
Louisiana					
June 1993	-	99,506	26,104	39,562	165,172
May 1993	-	107,298	26,399	42,188	175,885
June 1992	-	133,784	30,937	41,056	205,777
Mississippi					
June 1993	-	80,564	15,064	21,523	117,151
May 1993	-	85,110	14,379	19,242	118,731
June 1992	-	91,298	12,778	19,878	123,954
New Mexico					
June 1993	7,781	52,324	2,394	6,992	69,491
May 1993	7,675	50,004	1,938	6,088	65,705
June 1992	9,607	49,474	1,269	6,638	66,988
Texas					
June 1993	W	569,969	W	149,562	840,159
May 1993	W	573,403	W	147,629	840,724
June 1992	W	686,198	W	156,347	961,682
PAD District IV Total					
June 1993	28,102	237,443	21,760	50,880	339,184
May 1993	26,301	221,258	19,778	45,653	312,990
June 1992	40,391	222,929	16,958	48,176	328,454
Colorado					
June 1993	2,607	105,140	17,217	20,475	145,439
May 1993	2,475	101,609	15,666	18,757	138,407
June 1992	9,092	95,474	13,273	21,907	139,746

See footnotes at end of table.

**Table 47. Prime Supplier Sales Volumes of Motor Gasoline by Grade,
PAD District and State (Continued)**
(Thousand Gallons)

Geographic Area Month	Leaded Regular	Unleaded Regular	Unleaded Midgrade	Premium	Total
Idaho					
June 1993	W	32,387	W	5,334	47,318
May 1993	W	29,858	W	4,890	43,579
June 1992	11,082	31,400	-	4,319	46,801
Montana					
June 1993	8,804	32,606	-	6,931	48,341
May 1993	6,686	26,318	-	5,340	38,344
June 1992	8,395	28,978	-	5,862	43,235
Utah					
June 1993	5,335	46,754	4,282	14,108	70,479
May 1993	5,475	45,532	3,979	13,452	68,438
June 1992	8,261	47,941	W	W	72,490
Wyoming					
June 1993	W	20,556	W	4,032	27,607
May 1993	W	17,941	W	3,414	24,222
June 1992	3,561	19,136	W	W	26,182
PAD District V Total					
June 1993	74,809	1,177,964	173,083	333,169	1,759,005
May 1993	77,100	1,172,928	177,353	335,090	1,762,471
June 1992	91,546	1,234,236	156,688	346,794	1,829,164
Alaska					
June 1993	1,112	21,395	-	2,348	24,855
May 1993	1,003	17,973	-	2,273	21,249
June 1992	1,856	18,372	-	2,783	23,011
Arizona					
June 1993	16,453	88,085	731	20,090	125,359
May 1993	17,902	91,854	781	20,435	130,972
June 1992	20,068	89,095	801	19,589	129,553
California					
June 1993	10	782,180	162,679	240,196	1,185,065
May 1993	W	774,508	W	241,378	1,182,760
June 1992	W	846,453	147,378	W	1,253,916
Hawaii					
June 1993	-	16,713	3,481	10,006	30,200
May 1993	-	16,935	3,510	9,901	30,346
June 1992	-	18,755	3,165	10,074	31,994
Nevada					
June 1993	173	47,681	5,906	11,741	65,501
May 1993	172	46,100	6,065	11,685	64,022
June 1992	692	45,763	4,994	9,383	60,832
Oregon					
June 1993	20,864	77,963	W	W	112,195
May 1993	W	79,205	W	13,395	113,305
June 1992	W	76,599	W	13,300	115,165
Washington					
June 1993	36,196	143,948	W	W	215,830
May 1993	37,347	146,353	94	36,023	219,817
June 1992	43,695	139,199	W	W	214,694

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Totals may not equal the sum of components due to rounding.

Source: Energy Information Administration Form EIA-782C, "Monthly Report of Petroleum Products Sold Into States for Consumption."

Table 48. Prime Supplier Sales Volumes of Aviation Fuels, Propane, and Residual Fuel Oil by PAD District and State
(Thousand Gallons)

Geographic Area Month	Aviation Gasoline	Kerosene- Type Jet Fuel	Naphtha- Type Jet Fuel	Propane (Consumer Grade)	Residual Fuel Oil		
					Sulfur Content Less Than or Equal to 1 Percent	Sulfur Content Greater Than 1 Percent	Total Residual
U.S. Total							
June 1993	31,054	1,524,195	173,946	756,012	343,902	587,008	930,910
May 1993	28,361	1,552,240	150,287	640,134	285,525	591,038	876,563
June 1992	31,074	1,556,902	183,916	710,498	413,036	804,631	1,317,667
PAD District I Total							
June 1993	6,828	399,038	W	118,641	287,176	280,100	547,276
May 1993	6,355	394,150	W	101,435	212,543	265,898	478,441
June 1992	6,755	382,827	W	113,654	283,321	351,891	615,212
Subdistrict 1A Total							
June 1993	1,016	36,782	-	14,455	31,572	33,255	64,827
May 1993	795	34,741	-	11,153	63,223	41,394	104,617
June 1992	962	37,591	-	12,623	49,856	92,319	142,175
Connecticut							
June 1993	140	6,638	-	2,435	7,571	-	7,571
May 1993	122	7,455	-	1,701	11,583	-	11,583
June 1992	109	7,649	-	2,743	W	W	11,053
Maine							
June 1993	W	W	-	1,283	9,284	15,307	24,571
May 1993	W	W	-	1,223	6,531	18,324	22,855
June 1992	W	4,778	-	1,651	11,522	17,510	28,032
Massachusetts							
June 1993	W	24,314	-	5,338	11,770	12,267	24,037
May 1993	170	21,974	-	3,577	40,894	9,284	49,978
June 1992	W	22,772	-	3,639	26,843	67,359	94,002
New Hampshire							
June 1993	87	911	-	3,012	W	W	5,436
May 1993	W	769	-	2,670	W	W	15,645
June 1992	84	732	-	2,496	153	6,489	6,642
Rhode Island							
June 1993	W	1,500	-	1,282	W	-	W
May 1993	W	1,431	-	725	W	-	W
June 1992	W	1,456	-	831	715	-	715
Vermont							
June 1993	59	W	-	1,125	W	W	W
May 1993	50	W	-	1,257	W	W	W
June 1992	60	204	-	1,283	W	W	W
Subdistrict 1B Total							
June 1993	1,488	207,180	W	41,068	162,160	76,556	238,716
May 1993	1,516	193,726	W	37,917	102,059	54,119	156,178
June 1992	1,343	202,375	W	41,411	159,393	136,186	295,579
Delaware							
June 1993	W	W	-	W	8,357	3,943	12,300
May 1993	W	293	-	W	W	W	13,922
June 1992	W	323	W	W	W	W	W
District of Columbia							
June 1993	-	W	-	W	W	-	W
May 1993	W	-	-	-	W	-	W
June 1992	-	-	-	-	W	-	W
Maryland							
June 1993	W	6,859	W	1,980	W	3,518	W
May 1993	199	6,846	W	W	W	W	W
June 1992	W	7,324	W	W	W	W	W
New Jersey							
June 1993	473	157,164	W	7,925	32,674	10,647	43,221
May 1993	365	141,197	W	6,155	19,285	11,951	31,236
June 1992	424	147,653	-	6,973	47,982	30,222	78,204
New York							
June 1993	358	11,126	-	10,301	88,648	34,500	123,148
May 1993	536	11,405	-	9,537	62,232	20,555	82,787
June 1992	297	12,861	-	10,603	87,199	56,043	143,242
Pennsylvania							
June 1993	460	31,517	-	18,595	22,576	23,946	46,524
May 1993	393	33,885	-	18,714	5,477	16,662	22,139
June 1992	387	34,214	W	19,342	15,047	26,402	41,449

See footnotes at end of table.

Table 48. Prime Supplier Sales Volumes of Aviation Fuels, Propane, and Residual Fuel Oil by PAD District and State (Continued)
(Thousand Gallons)

Geographic Area Month	Aviation Gasoline	Kerosene- Type Jet Fuel	Naphtha- Type Jet Fuel	Propane (Consumer Grade)	Residual Fuel Oil		
					Sulfur Content Less Than or Equal to 1 Percent	Sulfur Content Greater Than 1 Percent	Total Residual
Subdistrict IC Total							
June 1993	4,324	155,076	-	63,118	73,444	170,289	243,733
May 1993	4,044	165,683	-	52,365	47,261	170,385	217,646
June 1992	4,450	142,861	-	59,620	54,072	123,386	177,458
Florida							
June 1993	2,134	63,519	-	18,851	70,593	119,582	190,175
May 1993	2,085	72,783	-	19,507	46,001	113,608	159,609
June 1992	2,295	63,651	-	17,644	39,228	77,351	116,579
Georgia							
June 1993	775	41,464	-	12,036	W	7,908	W
May 1993	628	47,539	-	9,933	-	10,927	10,927
June 1992	741	33,618	-	11,181	-	6,106	6,106
North Carolina							
June 1993	558	11,556	-	15,642	W	W	15,591
May 1993	511	9,945	-	11,006	755	19,349	20,104
June 1992	649	8,124	-	16,415	W	17,192	W
South Carolina							
June 1993	434	2,405	-	10,409	W	W	W
May 1993	378	2,268	-	5,490	W	W	W
June 1992	299	2,370	-	7,394	W	W	W
Virginia							
June 1993	305	35,423	-	5,374	256	15,435	15,691
May 1993	307	32,609	-	5,589	267	16,309	16,576
June 1992	342	34,404	-	6,082	12,510	18,322	30,832
West Virginia							
June 1993	118	709	-	808	W	W	4,400
May 1993	125	539	-	840	W	W	W
June 1992	124	694	-	904	W	W	1,427
PAD District II Total							
June 1993	7,728	270,542	34,042	213,283	W	W	17,766
May 1993	7,262	283,419	33,533	179,567	2,177	18,189	20,366
June 1992	8,155	256,029	33,754	207,084	5,172	11,892	17,064
Illinois							
June 1993	W	27,205	-	20,769	W	W	W
May 1993	W	26,177	-	22,939	W	W	W
June 1992	W	19,705	W	20,023	W	W	2,653
Indiana							
June 1993	852	47,057	W	11,867	56	1,800	1,856
May 1993	880	56,728	9,049	9,272	W	W	2,396
June 1992	1,056	54,468	W	10,962	W	W	917
Iowa							
June 1993	326	1,925	W	7,780	-	-	-
May 1993	340	1,613	W	4,795	-	-	-
June 1992	372	2,242	W	7,813	-	-	-
Kansas							
June 1993	483	8,241	W	80,716	-	-	-
May 1993	598	12,387	W	57,605	-	-	-
June 1992	570	8,457	W	64,096	W	-	W
Kentucky							
June 1993	189	14,113	-	6,530	W	W	294
May 1993	190	13,568	-	4,970	W	W	443
June 1992	158	21,537	-	13,075	W	W	839
Michigan							
June 1993	978	31,000	-	13,544	W	W	767
May 1993	860	30,063	-	13,496	113	477	590
June 1992	899	28,436	-	18,621	320	828	1,148
Minnesota							
June 1993	851	27,863	W	12,303	-	6,287	6,287
May 1993	624	28,910	W	9,971	-	5,430	5,430
June 1992	879	13,615	W	12,204	-	3,309	3,309
Missouri							
June 1993	498	27,737	W	12,656	W	W	W
May 1993	348	26,950	W	12,207	W	W	W
June 1992	452	22,643	W	12,563	-	-	-

See footnotes at end of table.

Table 48. Prime Supplier Sales Volumes of Aviation Fuels, Propane, and Residual Fuel Oil by PAD District and State (Continued)
(Thousand Gallons)

Geographic Area Month	Aviation Gasoline	Kerosene- Type Jet Fuel	Naphtha- Type Jet Fuel	Propane (Consumer Grade)	Residual Fuel Oil		
					Sulfur Content Less Than or Equal to 1 Percent	Sulfur Content Greater Than 1 Percent	Total Residual
Nebraska							
June 1993	273	2,371	-	2,607	-	-	-
May 1993	258	2,074	-	2,340	-	W	W
June 1992	253	2,153	-	3,887	-	W	W
North Dakota							
June 1993	112	796	W	4,005	-	W	W
May 1993	W	608	W	2,740	-	-	-
June 1992	140	811	W	4,617	-	-	-
Ohio							
June 1993	876	29,277	W	10,846	W	W	2,037
May 1993	870	32,242	W	10,959	W	W	2,405
June 1992	859	33,171	W	12,823	1,297	1,971	3,268
Oklahoma							
June 1993	390	25,671	9,205	11,978	W	-	W
May 1993	W	24,524	8,977	11,539	W	-	W
June 1992	508	31,124	13,776	12,553	W	W	386
South Dakota							
June 1993	W	752	W	1,824	-	W	W
May 1993	W	672	W	1,460	W	W	W
June 1992	W	554	W	1,489	-	W	W
Tennessee							
June 1993	607	21,686	W	4,708	W	W	690
May 1993	552	22,211	W	4,953	W	W	1,215
June 1992	527	11,860	W	3,486	W	W	1,201
Wisconsin							
June 1993	528	4,848	-	11,150	-	4,184	4,184
May 1993	430	4,692	-	10,321	-	4,553	4,553
June 1992	475	5,253	-	8,872	-	2,673	2,673
PAD District III Total							
June 1993	5,467	378,245	84,698	343,780	28,858	164,329	193,187
May 1993	4,321	391,588	72,397	284,001	29,460	173,052	202,512
June 1992	5,330	422,950	84,389	307,200	95,521	291,235	386,756
Alabama							
June 1993	475	4,179	W	7,057	W	W	7,090
May 1993	388	4,108	W	6,574	-	W	W
June 1992	428	4,272	W	6,705	-	W	W
Arkansas							
June 1993	W	1,391	W	5,449	-	-	-
May 1993	W	1,287	W	4,814	-	-	-
June 1992	W	1,209	W	3,888	-	-	-
Louisiana							
June 1993	W	63,403	35,493	25,857	W	W	83,713
May 1993	325	86,173	30,276	23,053	W	W	84,883
June 1992	403	99,270	24,552	40,922	W	W	164,279
Mississippi							
June 1993	334	24,099	W	18,832	W	W	10,746
May 1993	297	20,878	6,176	12,636	W	W	7,268
June 1992	517	27,027	5,686	8,517	-	W	W
New Mexico							
June 1993	420	5,457	W	16,325	W	W	291
May 1993	W	4,286	W	17,779	W	-	W
June 1992	W	4,195	5,520	10,121	W	W	378
Texas							
June 1993	3,245	279,716	33,256	270,260	23,476	67,871	91,347
May 1993	2,546	274,856	27,182	219,145	22,317	81,006	103,323
June 1992	2,910	286,977	45,727	237,067	78,154	133,161	211,315
PAD District IV Total							
June 1993	1,849	41,620	W	19,233	W	W	2,566
May 1993	1,436	43,099	W	18,722	2,326	333	2,659
June 1992	1,933	38,496	W	20,299	3,826	777	4,603
Colorado							
June 1993	649	22,617	W	5,274	-	-	-
May 1993	435	23,052	W	5,783	W	-	W
June 1992	625	20,091	W	5,819	-	-	-

See footnotes at end of table.

Table 48. Prime Supplier Sales Volumes of Aviation Fuels, Propane, and Residual Fuel Oil by PAD District and State (Continued)
(Thousand Gallons)

Geographic Area Month	Aviation Gasoline	Kerosene- Type Jet Fuel	Naphtha- Type Jet Fuel	Propane (Consumer Grade)	Residual Fuel Oil		
					Sulfur Content Less Than or Equal to 1 Percent	Sulfur Content Greater Than 1 Percent	Total Residual
Idaho							
June 1993	128	1,560	W	1,733	-	-	-
May 1993	114	1,410	-	1,789	-	-	-
June 1992	154	1,372	-	1,407	-	-	-
Montana							
June 1993	W	1,958	W	3,839	-	W	W
May 1993	W	2,091	W	3,038	-	W	W
June 1992	W	1,763	W	4,383	-	W	W
Utah							
June 1993	590	15,040	8,003	3,093	W	W	258
May 1993	483	16,320	6,985	3,174	W	W	W
June 1992	661	14,847	7,664	3,388	W	W	514
Wyoming							
June 1993	W	445	W	5,284	W	W	W
May 1993	W	226	W	4,928	W	W	W
June 1992	W	423	-	5,322	W	W	W
PAD District V Total							
June 1993	9,182	434,750	31,081	61,075	44,416	125,709	170,125
May 1993	8,987	439,984	25,829	56,409	39,019	133,566	172,585
June 1992	8,901	456,600	39,247	62,261	45,196	248,836	294,032
Alaska							
June 1993	1,672	44,846	W	1,487	-	W	W
May 1993	1,615	37,171	W	W	-	W	W
June 1992	W	42,610	W	W	-	W	W
Arizona							
June 1993	624	19,834	W	3,172	W	-	W
May 1993	517	26,317	W	2,223	W	-	W
June 1992	697	18,164	W	3,922	W	-	W
California							
June 1993	3,597	248,488	27,778	35,064	10,053	60,558	70,611
May 1993	3,829	252,086	24,449	32,550	11,690	49,714	61,404
June 1992	4,169	256,519	31,703	36,490	9,382	135,466	144,848
Hawaii							
June 1993	W	26,061	-	W	W	W	42,744
May 1993	W	23,765	-	W	W	W	W
June 1992	W	31,539	-	W	W	W	43,921
Nevada							
June 1993	W	14,181	-	W	W	W	W
May 1993	W	16,550	W	1,804	W	W	W
June 1992	309	13,198	W	1,555	W	-	W
Oregon							
June 1993	715	13,011	-	3,205	-	W	W
May 1993	550	12,359	-	2,982	-	14,785	14,785
June 1992	701	12,344	-	3,089	-	17,072	17,072
Washington							
June 1993	2,210	68,329	-	13,085	-	50,752	50,752
May 1993	2,169	71,706	-	12,088	-	57,724	57,724
June 1992	1,279	82,226	-	12,231	-	87,070	87,070

Dashes (-) = No data reported.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Totals may not equal the sum of components due to rounding.

Source: Energy Information Administration Form EIA-782C, "Monthly Report of Petroleum Products Sold Into States for Consumption."

**Table 49. Prime Supplier Sales Volumes of Distillate Fuel Oils
by PAD District and State**
(Thousand Gallons)

Geographic Area Month	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel	Total Distillate and Kerosene
			No. 2 Fuel Oil	No. 2 Diesel	Total		
U.S. Total							
June 1993	19,260	31,516	1,319,685	2,284,871	3,604,557	19,977	3,675,309
May 1993	17,539	32,984	1,287,003	2,277,689	3,564,692	21,174	3,636,388
June 1992	28,557	29,308	1,405,783	2,242,917	3,648,700	16,211	3,722,776
PAD District I Total							
June 1993	12,723	7,135	640,543	516,298	1,156,842	14,527	1,191,226
May 1993	12,802	6,729	637,088	490,187	1,127,275	13,915	1,160,521
June 1992	10,598	6,862	676,712	464,598	1,141,310	12,911	1,171,681
Subdistrict IA Total							
June 1993	1,812	443	117,760	48,379	166,139	3,010	171,404
May 1993	1,854	670	121,478	42,536	164,014	3,465	170,003
June 1992	1,403	342	123,154	49,506	172,660	3,893	178,298
Connecticut							
June 1993	243	W	28,802	10,828	39,731	W	40,570
May 1993	205	W	24,670	9,446	34,116	W	35,181
June 1992	299	W	32,343	19,038	51,381	W	52,473
Maine							
June 1993	393	W	17,981	6,794	24,175	W	24,841
May 1993	565	80	20,815	6,085	26,900	296	27,841
June 1992	229	W	14,486	5,445	19,931	W	20,466
Massachusetts							
June 1993	895	W	41,992	16,238	58,230	W	60,392
May 1993	892	51	44,687	14,533	59,120	1,517	61,580
June 1992	743	W	40,913	13,833	54,746	W	57,220
New Hampshire							
June 1993	196	W	14,096	6,574	20,670	W	21,376
May 1993	111	W	12,252	5,798	17,990	W	18,513
June 1992	64	27	21,338	5,740	27,078	467	27,636
Rhode Island							
June 1993	45	W	13,165	5,145	18,310	W	19,052
May 1993	43	W	17,147	4,655	21,802	W	22,584
June 1992	40	W	11,373	3,235	14,608	W	15,306
Vermont							
June 1993	39	W	2,223	2,800	5,023	W	5,173
May 1993	38	W	2,007	2,079	4,086	W	4,304
June 1992	28	W	2,701	2,215	4,916	W	5,197
Subdistrict IB Total							
June 1993	7,930	5,080	341,838	152,702	494,540	10,693	518,243
May 1993	7,463	4,517	340,100	141,055	481,155	9,898	503,033
June 1992	6,225	4,745	376,985	140,650	517,635	8,272	536,877
Delaware							
June 1993	W	-	5,194	7,339	12,533	W	12,590
May 1993	44	W	7,752	7,239	14,991	W	15,052
June 1992	19	W	10,363	6,489	16,852	W	16,897
District of Columbia							
June 1993	W	W	3,191	529	3,720	W	6,113
May 1993	W	W	2,121	670	2,791	66	3,467
June 1992	W	W	855	480	1,335	W	2,047
Maryland							
June 1993	200	W	19,711	19,364	39,075	W	39,928
May 1993	255	W	25,091	19,542	44,633	W	45,436
June 1992	W	W	17,196	21,272	38,468	134	39,192
New Jersey							
June 1993	3,311	1,640	112,212	29,690	141,902	1,635	148,488
May 1993	2,723	1,439	108,809	25,334	132,143	1,663	137,988
June 1992	1,893	W	154,791	21,230	176,021	W	181,405
New York							
June 1993	3,055	809	89,967	38,226	128,193	7,085	138,942
May 1993	3,169	734	89,372	35,648	125,018	7,871	136,792
June 1992	2,627	478	100,286	31,448	131,734	6,170	141,009
Pennsylvania							
June 1993	1,319	W	111,583	57,554	169,117	W	172,182
May 1993	W	1,341	108,955	52,624	161,579	W	164,288
June 1992	1,452	W	93,494	59,731	153,225	W	156,327

See footnotes at end of table.

**Table 49. Prime Supplier Sales Volumes of Distillate Fuel Oils
by PAD District and State (Continued)**
(Thousand Gallons)

Geographic Area Month	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel	Total Distillate and Kerosene
			No. 2 Fuel Oil	No. 2 Diesel	Total		
Subdistrict IC Total							
June 1993	2,981	1,612	180,945	315,217	496,162	824	501,579
May 1993	3,285	1,542	175,510	306,596	482,106	552	487,495
June 1992	2,970	1,775	176,573	274,442	451,015	746	456,506
Florida							
June 1993	199	488	29,897	100,659	130,556	370	131,613
May 1993	232	451	29,452	101,545	130,997	283	131,963
June 1992	297	W	24,360	89,761	114,121	W	115,031
Georgia							
June 1993	356	W	26,803	74,741	101,544	W	102,033
May 1993	534	W	26,660	72,704	99,364	W	100,062
June 1992	335	W	20,717	66,228	86,945	W	87,416
North Carolina							
June 1993	1,172	W	46,346	51,256	97,602	W	99,165
May 1993	W	W	44,112	48,071	92,183	39	94,106
June 1992	1,000	W	45,126	40,813	85,939	W	87,682
South Carolina							
June 1993	421	W	20,917	22,621	43,538	W	43,973
May 1993	W	-	20,457	22,482	42,939	W	43,246
June 1992	W	-	18,834	20,291	39,125	W	39,538
Virginia							
June 1993	728	776	47,610	47,548	95,158	224	96,886
May 1993	577	670	48,189	43,739	91,928	116	93,291
June 1992	766	691	55,163	40,617	95,780	311	97,548
West Virginia							
June 1993	105	W	9,372	18,392	27,764	W	27,909
May 1993	75	27	6,640	18,055	24,695	-	24,797
June 1992	W	W	12,373	16,732	29,105	-	29,311
PAD District II Total							
June 1993	4,936	W	492,247	669,914	1,162,161	W	1,187,104
May 1993	3,377	W	488,829	679,038	1,167,867	W	1,193,036
June 1992	W	14,631	478,239	597,472	1,075,711	W	1,095,947
Illinois							
June 1993	293	W	58,415	76,915	135,330	W	140,733
May 1993	254	W	63,620	86,014	149,634	W	154,735
June 1992	632	W	85,381	62,749	148,130	W	151,777
Indiana							
June 1993	1,285	W	46,646	59,214	105,860	W	109,398
May 1993	594	W	44,851	67,572	112,423	W	116,216
June 1992	143	W	43,870	54,752	98,622	W	101,826
Iowa							
June 1993	W	W	28,002	31,415	59,417	-	59,691
May 1993	20	364	28,100	40,656	68,756	-	69,140
June 1992	45	435	25,049	28,815	53,864	-	54,344
Kansas							
June 1993	W	W	36,781	38,271	75,052	-	75,554
May 1993	W	W	28,637	30,504	59,141	-	59,563
June 1992	W	W	29,691	36,340	66,031	-	66,686
Kentucky							
June 1993	227	W	26,473	53,255	79,728	W	80,421
May 1993	249	W	25,965	52,471	78,436	W	79,149
June 1992	187	350	19,467	46,164	65,631	-	66,169
Michigan							
June 1993	454	W	48,814	34,706	83,520	W	88,173
May 1993	295	5,335	51,293	34,661	85,954	-	91,504
June 1992	407	W	47,962	28,710	76,672	W	81,429
Minnesota							
June 1993	32	W	31,995	35,744	67,739	W	69,139
May 1993	W	2,286	31,977	36,323	68,300	W	70,602
June 1992	34	W	29,470	30,750	60,220	W	61,543
Missouri							
June 1993	98	731	20,709	56,462	77,171	-	78,000
May 1993	83	336	21,999	52,919	74,918	-	75,337
June 1992	37	315	17,391	50,393	67,784	-	68,136

See footnotes at end of table.

**Table 49. Prime Supplier Sales Volumes of Distillate Fuel Oils
by PAD District and State (Continued)**
(Thousand Gallons)

Geographic Area Month	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel	Total Distillate and Kerosene
			No. 2 Fuel Oil	No. 2 Diesel	Total		
Nebraska							
June 1993	W	W	13,777	31,213	44,990	-	45,420
May 1993	-	429	13,693	28,864	42,557	-	42,906
June 1992	-	269	15,787	28,699	44,486	-	44,755
North Dakota							
June 1993	-	183	12,119	9,124	21,243	-	21,426
May 1993	-	90	15,833	11,480	27,293	-	27,393
June 1992	W	W	10,220	7,148	17,368	-	17,529
Ohio							
June 1993	2,012	W	50,050	79,331	129,381	W	131,741
May 1993	1,404	W	51,726	85,408	137,134	W	138,894
June 1992	1,058	415	48,968	74,683	123,651	-	125,124
Oklahoma							
June 1993	26	2,365	33,392	57,125	90,517	-	92,908
May 1993	23	2,112	30,507	40,995	71,502	-	73,637
June 1992	20	2,220	33,178	45,872	79,050	-	81,290
South Dakota							
June 1993	-	392	9,084	9,469	18,553	-	18,945
May 1993	-	365	11,170	11,042	22,212	-	22,577
June 1992	-	201	7,455	9,493	16,948	-	17,149
Tennessee							
June 1993	190	W	31,609	73,705	105,314	W	106,026
May 1993	180	W	25,402	74,307	99,709	W	100,279
June 1992	137	W	22,803	70,267	93,070	W	93,515
Wisconsin							
June 1993	W	684	44,381	23,965	68,346	W	69,329
May 1993	W	W	44,056	25,842	69,898	-	70,754
June 1992	41	W	41,547	22,637	64,184	W	64,876
PAD District III Total							
June 1993	W	2,192	126,822	517,290	644,112	W	647,606
May 1993	1,278	W	103,841	506,872	610,713	W	614,048
June 1992	14,894	2,167	190,871	565,644	756,515	-	773,576
Alabama							
June 1993	236	235	W	W	54,874	-	55,345
May 1993	213	210	W	W	57,371	-	57,794
June 1992	86	195	11,906	39,831	51,737	-	52,018
Arkansas							
June 1993	W	W	6,500	60,437	66,937	-	67,126
May 1993	W	W	5,045	56,246	61,291	-	61,560
June 1992	W	W	2,853	54,088	56,941	-	57,248
Louisiana							
June 1993	W	W	10,399	106,713	117,112	-	117,888
May 1993	W	W	11,135	107,332	118,467	-	119,163
June 1992	W	W	14,039	117,600	131,719	-	135,550
Mississippi							
June 1993	114	W	22,978	47,902	70,880	W	71,041
May 1993	60	W	19,989	30,009	57,998	W	58,213
June 1992	W	W	W	W	50,338	-	50,462
New Mexico							
June 1993	49	30	W	W	30,846	-	30,925
May 1993	W	W	W	W	30,129	-	30,174
June 1992	25	36	W	W	31,525	-	31,586
Texas							
June 1993	428	1,390	70,876	232,587	303,463	-	305,201
May 1993	378	1,309	53,243	232,214	285,457	-	287,144
June 1992	W	W	136,734	297,521	434,255	-	446,712
PAD District IV Total							
June 1993	W	W	30,837	116,894	147,731	-	149,778
May 1993	32	W	29,729	114,191	143,920	W	145,760
June 1992	W	W	26,874	107,328	134,202	-	135,995
Colorado							
June 1993	W	W	14,616	31,891	46,507	-	47,504
May 1993	W	W	15,171	29,722	43,893	-	44,765
June 1992	W	W	12,870	29,005	41,875	-	42,825

See footnotes at end of table.

**Table 49. Prime Supplier Sales Volumes of Distillate Fuel Oils
by PAD District and State (Continued)**
(Thousand Gallons)

Geographic Area Month	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel	Total Distillate and Kerosene
			No. 2 Fuel Oil	No. 2 Diesel	Total		
Idaho							
June 1993	-	470	W	W	18,160	-	18,630
May 1993	-	351	W	W	18,348	-	19,699
June 1992	-	278	W	W	19,168	-	19,446
Montana							
June 1993	-	250	W	W	21,510	-	21,760
May 1993	-	235	W	W	19,975	-	20,210
June 1992	-	156	W	W	17,777	-	17,933
Utah							
June 1993	W	W	5,088	27,327	32,415	-	32,567
May 1993	W	111	3,869	27,507	31,376	W	31,595
June 1992	W	W	3,432	24,974	28,406	-	28,693
Wyoming							
June 1993	-	178	2,121	27,018	29,139	-	29,317
May 1993	-	163	1,549	27,779	29,328	-	29,491
June 1992	-	122	2,323	24,653	26,976	-	27,099
PAD District V Total							
June 1993	273	4,751	29,236	464,475	493,711	861	499,595
May 1993	250	W	27,516	487,401	514,917	W	523,024
June 1992	269	W	33,087	507,875	540,962	W	545,577
Alaska							
June 1993	-	2,549	11,992	W	W	W	21,777
May 1993	-	3,934	9,716	W	W	W	24,744
June 1992	-	2,249	6,947	W	W	W	22,129
Arizona							
June 1993	W	W	W	W	41,572	W	41,667
May 1993	-	W	W	38,208	W	-	38,219
June 1992	-	104	W	W	33,541	-	33,645
California							
June 1993	166	W	W	W	266,550	W	268,337
May 1993	118	W	W	W	275,538	W	276,757
June 1992	W	502	272	298,307	298,579	W	299,620
Hawaii							
June 1993	-	W	W	15,864	W	-	16,670
May 1993	-	W	W	16,073	W	-	16,940
June 1992	-	W	W	16,744	W	-	17,101
Nevada							
June 1993	-	W	W	W	21,407	W	21,455
May 1993	-	41	W	W	20,518	-	20,559
June 1992	-	139	W	W	20,418	-	20,557
Oregon							
June 1993	W	W	6,617	47,922	54,539	-	54,795
May 1993	W	W	6,321	53,728	60,049	-	60,313
June 1992	W	W	6,877	58,789	65,666	-	65,659
Washington							
June 1993	W	W	9,909	64,347	74,256	-	74,695
May 1993	W	1,021	10,664	73,721	84,385	W	85,492
June 1992	W	465	18,568	67,465	86,033	W	86,576

Dashes (-) = No data reported.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Totals may not equal the sum of components due to rounding.

Note: Total Distillate = No. 1 Distillate + No. 2 Distillate + No. 4 Fuel Oil.

Source: Energy Information Administration Form EIA-782C, "Monthly Report of Petroleum Products Sold into States for Consumption."

Standard Errors and Survey Response Percentages

**Table 50. Standard Errors of Total Motor Gasoline Prices^a
by Sales Type, PAD District and State
(Cents per Gallon, Excluding Taxes)**

Geographic Area Month	Refiner/Reseller				Reseller			
	Sales to End Users			Sales for Resale	Sales to End Users			Sales for Resale
	Through Company Outlets	Other End Users	Average		Through Company Outlets	Other End Users	Average	
U.S. Average								
June 1993	0.1	0.3	0.1	0.1	0.2	0.4	0.2	0.2
May 1993 .....	.1	.3	.1	.1	.2	.3	.1	.2
PAD District I Average								
June 1993 .....	.2	.5	.2	.1	.4	.5	.3	.3
May 1993 .....	.2	.4	.2	.1	.3	.5	.2	.2
Subdistrict IA Average								
June 1993 .....	.5	.6	.5	.1	.6	.7	.5	.3
May 1993 .....	.4	.3	.3	.1	.4	.4	.4	.1
Connecticut								
June 1993 .....	.5	1.4	.6	.2	.6	1.8	.6	1.0
May 1993 .....	.3	.7	.3	.1	.3	1.2	.3	.4
Maine								
June 1993 .....	.2	1.0	.2	.1	.2	1.1	.2	.2
May 1993 .....	.2	.6	.2	.1	.2	.7	.3	.3
Massachusetts								
June 1993 .....	.8	1.0	.7	.1	.9	1.2	.9	.4
May 1993 .....	.6	.6	.5	.1	.7	.7	.6	.1
New Hampshire								
June 1993 .....	.8	.6	.8	.2	1.0	.6	.9	.4
May 1993 .....	.8	.3	.8	.1	1.0	.4	1.0	.2
Rhode Island								
June 1993	2.4	.7	2.1	.4	2.8	1.0	2.6	.5
May 1993	1.8	1.0	1.6	.2	2.3	1.2	2.0	.5
Vermont								
June 1993 .....	.4	.7	.4	.5	.4	.7	.4	.6
May 1993 .....	.4	.6	.4	.3	.4	.6	.4	.4
Subdistrict IB Average								
June 1993 .....	.5	.7	.4	.1	.9	.8	.7	.4
May 1993 .....	.4	.8	.3	.1	.7	.9	.5	.3
Delaware								
June 1993 .....	.5	1.1	.4	.1	.5	1.2	.5	.3
May 1993 .....	.1	1.1	.2	.1	.1	1.1	.2	.3
District of Columbia								
June 1993	NA	.3	.1	.1	NA	.3	.1	.2
May 1993	NA	.2	.1	.1	NA	.2	.1	.2
Maryland								
June 1993 .....	.7	.7	.5	.1	.7	.7	.6	.5
May 1993 .....	.7	.4	.5	.1	.7	.4	.5	.8
New Jersey								
June 1993 .....	.4	.9	.4	.4	1.0	1.3	1.1	.8
May 1993 .....	.2	.6	.3	.2	.7	.6	.9	.4
New York								
June 1993 .....	.6	1.4	.6	.1	1.0	1.6	.9	.4
May 1993 .....	.6	1.5	.6	.1	1.1	1.6	.9	.3
Pennsylvania								
June 1993	1.1	1.1	.9	.2	1.7	1.3	1.4	.8
May 1993 .....	.6	1.5	.6	.2	1.1	1.7	1.0	.7
Subdistrict IC Average								
June 1993 .....	.3	.7	.3	.1	.4	.8	.4	.6
May 1993 .....	.2	.5	.2	.1	.3	.6	.3	.4
Florida								
June 1993 .....	.7	1.4	.7	.3	1.2	1.4	1.1	2.6
May 1993 .....	.6	.9	.5	.2	1.0	1.2	.9	1.7
Georgia								
June 1993 .....	.3	1.1	.3	.4	.5	1.0	.4	1.5
May 1993 .....	.3	1.3	.3	.2	.5	1.4	.5	.8
North Carolina								
June 1993 .....	.6	1.0	.6	.3	.7	1.0	.7	.8
May 1993 .....	.5	.6	.5	.2	.6	.7	.6	.7
South Carolina								
June 1993 .....	.6	2.8	.7	.4	.8	3.2	1.0	1.0
May 1993 .....	.6	2.3	.6	.3	.8	2.6	.8	.8

See footnotes at end of table.

**Table 50. Standard Errors of Total Motor Gasoline Prices^a
by Sales Type, PAD District and State (Continued)**
(Cents per Gallon, Excluding Taxes)

Geographic Area Month	Refiner/Reseller				Reseller			
	Sales to End Users			Sales for Resale	Sales to End Users			Sales for Resale
	Through Company Outlets	Other End Users	Average		Through Company Outlets	Other End Users	Average	
Virginia								
June 1993	0.6	1.4	0.5	0.2	0.8	1.6	0.8	0.8
May 1993	.4	.9	.4	.1	.5	1.0	.5	.7
West Virginia								
June 1993	.5	.6	.4	.4	1.2	1.0	1.1	.9
May 1993	.3	.5	.3	.2	.7	.7	.6	.6
PAD District II Average								
June 1993	.2	.3	.1	.1	.3	.4	.2	.3
May 1993	.1	.3	.1	.1	.2	.4	.2	.2
Illinois								
June 1993	.6	1.0	.6	.1	1.1	1.1	1.0	.5
May 1993	.5	.8	.5	.1	.8	.9	.7	.6
Indiana								
June 1993	.3	1.0	.3	.5	.5	1.0	.5	1.5
May 1993	.3	.8	.3	.3	.5	.8	.4	1.0
Iowa								
June 1993	.3	.8	.2	.2	.3	.8	.3	.6
May 1993	.5	.6	.4	.2	.6	.6	.5	.5
Kansas								
June 1993	.5	.8	.5	.3	.7	.6	.6	.9
May 1993	.5	.6	.5	.2	.7	.4	.7	.5
Kentucky								
June 1993	.6	1.8	.7	.4	1.0	2.2	1.1	1.5
May 1993	.6	1.5	.7	.2	1.1	1.8	1.1	.8
Michigan								
June 1993	.3	1.0	.3	.2	.6	1.4	.5	1.0
May 1993	.3	1.0	.3	.3	.7	1.4	.6	1.0
Minnesota								
June 1993	.6	.8	.5	.3	1.3	.8	1.0	.9
May 1993	.5	1.2	.5	.4	1.1	1.2	.9	1.3
Missouri								
June 1993	.5	1.9	.5	.4	.7	2.2	.7	1.0
May 1993	.5	1.5	.5	.2	.7	1.8	.7	.5
Nebraska								
June 1993	.6	.9	.6	.3	.7	.9	.6	.8
May 1993	.5	.9	.5	.3	.6	.9	.6	.8
North Dakota								
June 1993	1.0	1.1	.8	.2	1.1	1.1	.8	.7
May 1993	1.0	1.0	.7	.2	1.0	1.0	.8	.6
Ohio								
June 1993	.3	1.0	.3	.2	1.2	1.5	.9	.8
May 1993	.3	1.2	.3	.1	.8	1.9	.8	.6
Oklahoma								
June 1993	.6	1.5	.5	.1	.9	2.3	.8	.5
May 1993	.3	.9	.3	.1	.5	1.6	.5	.4
South Dakota								
June 1993	1.1	2.4	1.1	.5	1.2	2.5	1.1	1.6
May 1993	.8	2.2	.9	.3	.8	2.3	.9	.7
Tennessee								
June 1993	.2	1.2	.2	.3	.4	1.4	.4	1.3
May 1993	.2	1.0	.2	.2	.4	1.1	.4	.8
Wisconsin								
June 1993	.3	1.1	.3	.2	.4	1.2	.4	.5
May 1993	.3	1.3	.3	.2	.4	1.3	.4	.4
PAD District III Average								
June 1993	.3	1.0	.3	.2	.5	1.1	.5	.7
May 1993	.2	.9	.2	.2	.3	1.1	.3	.6
Alabama								
June 1993	.4	1.6	.6	.4	.5	1.9	.7	1.2
May 1993	.6	2.4	.8	.4	.7	2.7	1.0	1.2
Arkansas								
June 1993	.8	2.1	1.1	.4	1.0	2.2	1.3	1.1
May 1993	.4	1.0	.7	.3	.5	1.2	.9	.7

See footnotes at end of table.

**Table 50. Standard Errors of Total Motor Gasoline Prices^a
by Sales Type, PAD District and State (Continued)**
(Cents per Gallon, Excluding Taxes)

Geographic Area Month	Refiner/Reseller				Reseller			
	Sales to End Users			Sales for Resale	Sales to End Users			Sales for Resale
	Through Company Outlets	Other End Users	Average		Through Company Outlets	Other End Users	Average	
Louisiana								
June 1993	1.4	1.7	1.4	0.4	2.2	1.8	2.1	1.5
May 1993	.5	.9	.5	.4	.8	.9	.8	1.4
Mississippi								
June 1993	.9	1.1	.8	.4	.9	1.1	.8	1.3
May 1993	.7	.9	.7	.4	.8	.9	.7	.9
New Mexico								
June 1993	1.0	1.0	.9	.6	1.4	1.1	1.2	1.3
May 1993	.9	.6	.8	.3	1.2	.7	1.1	.5
Texas								
June 1993	.3	1.8	.3	.3	.6	2.1	.7	1.1
May 1993	.2	1.9	.3	.3	.5	2.3	.6	.9
PAD District IV Average								
June 1993	.2	.7	.2	.2	.4	.7	.4	.6
May 1993	.4	.6	.4	.1	.6	.6	.5	.4
Colorado								
June 1993	.3	1.9	.3	.3	.9	1.9	.8	1.0
May 1993	.2	1.5	.2	.2	.3	1.5	.5	.5
Idaho								
June 1993	.6	.9	.5	.2	.6	.9	.5	.6
May 1993	1.3	.6	1.1	.3	1.3	.6	1.1	1.1
Montana								
June 1993	.3	.7	.3	.1	.3	.7	.4	.7
May 1993	.4	.7	.3	.1	.4	.7	.3	.7
Utah								
June 1993	.7	.9	.8	.3	1.1	1.3	1.2	.9
May 1993	.4	1.1	.4	.2	.6	1.0	.6	.6
Wyoming								
June 1993	.7	2.0	.8	.5	.8	2.0	.9	1.3
May 1993	.4	1.5	.4	.1	.4	1.5	.5	.5
PAD District V Average								
June 1993	.3	1.7	.4	.2	.8	2.2	1.1	1.0
May 1993	.2	1.3	.3	.2	.5	1.7	.7	1.2
Alaska								
June 1993	.6	2.4	.7	.6	2.3	4.3	2.3	1.7
May 1993	.6	2.7	.6	.5	2.0	4.7	2.3	1.8
Arizona								
June 1993	.3	.6	.4	.3	.7	.8	.7	1.5
May 1993	.3	.6	.3	.3	.5	.7	.5	.9
California								
June 1993	.4	2.5	.7	.3	2.2	3.0	2.2	1.5
May 1993	.4	2.0	.6	.2	1.5	2.5	1.5	2.0
Hawaii								
June 1993	.1	2.9	.4	.1	.1	3.9	.3	2.2
May 1993	.1	2.6	.4	.1	.1	4.1	.2	2.7
Nevada								
June 1993	1.4	1.2	1.5	.4	1.6	1.6	2.0	1.7
May 1993	.2	.8	.3	.2	.3	1.0	.3	1.1
Oregon								
June 1993	1.1	1.1	.7	.4	1.6	1.2	1.1	2.2
May 1993	.6	1.5	.5	.4	.9	1.6	.7	2.2
Washington								
June 1993	.6	1.1	.5	.2	1.6	1.2	1.4	1.6
May 1993	.2	.9	.2	.2	.4	1.0	.4	1.5

^a Sales prices shown in Tables 28, 29 and 30.

NA = Not available.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Standard errors are not additive. Standard errors that are less than 0.1 and greater than zero are displayed as 0.1.

Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

**Table 51. Standard Errors of Motor Gasoline Prices^a by Grade,
PAD District, and State**
(Cents per Gallon, Excluding Taxes)

Geographic Area Month	Refiner/Reseller											
	Leaded Regular			Unleaded Regular			Unleaded Midgrade			Premium		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
U.S. Average												
June 1993	0.3	0.5	0.1	0.1	0.3	0.1	0.1	0.5	0.1	0.1	0.5	0.1
May 1993 .....	.3	.4	.1	.1	.3	.1	.1	.5	.1	.1	.4	.1
PAD District I Average												
June 1993	2.2	2.2	3.7	.2	.5	.1	.3	.6	.1	.3	.8	.1
May 1993	1.2	2.2	5.4	.2	.4	.1	.2	.5	.1	.2	.8	.1
Subdistrict IA Average												
June 1993	-	NA	NA	.5	.5	.1	.8	.8	.1	.9	.8	.1
May 1993	-	NA	NA	.3	.3	.1	.6	.5	.1	.7	.5	.1
Connecticut												
June 1993	-	-	-	.5	1.1	.2	.6	1.5	.2	.7	1.1	.2
May 1993	-	-	-	.2	.5	.1	.3	.9	.1	.4	.8	.1
Maine												
June 1993	-	-	-	.5	.9	.1	.9	1.9	.2	.3	1.9	.2
May 1993	-	-	-	.2	.6	.1	.2	1.3	.1	.3	.7	.1
Massachusetts												
June 1993	-	-	-	.8	.7	.1	1.0	1.1	.1	.8	1.7	.2
May 1993	-	-	-	.5	.3	.1	.7	1.0	.1	.6	1.1	.2
New Hampshire												
June 1993	-	-	-	.9	.6	.2	.6	.8	.5	2.2	1.3	.4
May 1993	-	-	-	1.1	.4	.1	.6	.2	.4	1.0	1.0	.4
Rhode Island												
June 1993	-	NA	-	2.1	.9	.3	3.7	.5	.3	3.4	.7	.6
May 1993	-	NA	-	1.5	.9	.1	3.0	1.3	.2	2.8	3.7	.3
Vermont												
June 1993	-	NA	NA	.5	.8	.4	.3	.7	.6	.6	1.3	.7
May 1993	-	NA	NA	.5	.7	.3	.2	.4	.4	.3	.8	.5
Subdistrict IB Average												
June 1993	2.1	2.3	3.8	.5	.5	.1	.6	.7	.1	.5	1.2	.2
May 1993	1.6	2.5	5.6	.3	.6	.1	.4	.9	.1	.4	1.1	.1
Delaware												
June 1993	-	-	-	.4	.8	.1	.7	1.1	.1	.5	2.4	.1
May 1993	-	-	-	.1	.6	.1	.1	1.0	.1	.1	2.3	.1
District of Columbia												
June 1993	-	-	-	NA	.3	.1	NA	.0	.1	NA	.4	.1
May 1993	-	-	-	NA	.2	.1	NA	.0	.1	NA	.2	.1
Maryland												
June 1993	-	NA	-	.5	.4	.1	.9	1.5	.1	1.0	1.3	.1
May 1993	-	-	-	.7	.3	.1	.8	.9	.1	.8	.8	.1
New Jersey												
June 1993	-	NA	NA	.4	.6	.2	.3	1.6	.2	.4	1.1	.7
May 1993	-	NA	NA	.3	.4	.1	.1	.9	.1	.1	.5	.4
New York												
June 1993 .....	.3	1.3	4.2	.6	1.1	.1	.6	1.5	.1	.6	3.0	.2
May 1993 .....	.2	1.4	6.2	.6	1.0	.1	.6	2.7	.1	.7	2.7	.1
Pennsylvania												
June 1993	NA	2.3	.0	.9	.9	.2	1.2	1.2	.3	1.1	1.4	.3
May 1993	NA	3.6	NA	.5	1.4	.2	.7	1.2	.3	.8	1.8	.2
Subdistrict IC Average												
June 1993 .....	.1	NA	-	.3	.8	.1	.3	1.0	.2	.4	1.2	.2
May 1993 .....	.0	NA	-	.2	.5	.1	.2	.6	.1	.3	1.2	.1
Florida												
June 1993	-	-	-	.7	1.5	.2	.6	1.3	.4	.5	2.6	.3
May 1993	-	-	-	.6	1.1	.2	.5	.9	.3	.4	2.7	.2
Georgia												
June 1993 .....	.1	-	-	.3	.8	.3	.7	1.9	.5	1.4	2.5	.4
May 1993 .....	.0	-	-	.3	.8	.2	.6	1.5	.3	1.2	1.9	.3
North Carolina												
June 1993	-	NA	-	.4	.9	.3	.6	1.5	.4	.9	1.4	.4
May 1993	-	NA	-	.4	.4	.2	.5	1.5	.4	.6	1.7	.3

See footnotes at end of table.

**Table 51. Standard Errors of Motor Gasoline Prices^a by Grade,
PAD District, and State (Continued)**
(Cents per Gallon, Excluding Taxes)

Geographic Area Month	Refiner/Reseller											
	Leaded Regular			Unleaded Regular			Unleaded Midgrade			Premium		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
South Carolina												
June 1993	-	-	-	0.5	3.9	0.4	0.6	2.0	0.4	1.0	2.4	0.4
May 1993	-	-	-	.5	2.6	.3	.5	1.4	.3	1.1	2.2	.3
Virginia												
June 1993	-	-	-	.5	.7	.1	.6	2.7	.2	.6	1.6	.2
May 1993	-	-	-	.3	.6	.1	.3	1.4	.2	.4	1.1	.2
West Virginia												
June 1993	-	NA	-	.4	.5	.3	.5	.8	.5	.8	.9	.5
May 1993	-	NA	-	.2	.3	.2	.5	.4	.2	.4	.6	.4
PAD District II Average												
June 1993	0.6	0.8	0.4	.2	.3	.1	.2	.8	.2	.2	.6	.1
May 1993 .....	.6	.6	.3	.1	.3	.1	.2	.9	.2	.2	.6	.1
Illinois												
June 1993 .....	.6	2.8	.6	.8	1.0	.1	.6	1.5	.3	.6	1.6	.2
May 1993	1.1	1.1	.1	.6	.8	.1	.6	1.4	.2	.4	1.7	.1
Indiana												
June 1993	1.0	.8	1.1	.3	.9	.6	.4	1.1	.6	.5	1.1	.5
May 1993	1.8	.8	.5	.3	.8	.4	.3	1.2	.3	.4	1.5	.3
Iowa												
June 1993	1.7	1.3	3.3	.3	.9	.1	.6	2.4	1.7	.5	1.5	.1
May 1993 .....	.8	.5	1.4	.6	.7	.1	.7	.1	.7	.5	1.2	.2
Kansas												
June 1993	1.4	-	2.9	.5	.7	.2	.6	2.1	.8	.9	1.4	.4
May 1993	1.4	-	1.6	.5	.6	.1	.6	2.2	.4	.7	1.1	.4
Kentucky												
June 1993	NA	NA	NA	.5	1.2	.4	.8	2.4	.5	.8	2.8	.4
May 1993	NA	NA	NA	.5	1.3	.2	.7	1.6	.2	.7	2.3	.3
Michigan												
June 1993	2.0	1.3	.7	.4	.9	.2	.3	1.7	.5	.4	.7	.3
May 1993	1.6	2.2	.7	.4	1.0	.3	.3	2.1	.3	.4	.7	.3
Minnesota												
June 1993 .....	.7	2.7	1.0	.6	.9	.2	1.1	.8	1.3	.7	2.5	.5
May 1993 .....	.6	.9	2.0	.5	.8	.4	.9	3.2	1.9	.9	2.4	.6
Missouri												
June 1993	4.4	1.9	1.7	.5	1.6	.4	.8	3.7	.8	.5	2.8	.3
May 1993	3.2	1.4	1.0	.5	1.3	.2	.6	3.7	.3	.5	1.8	.2
Nebraska												
June 1993	1.2	.4	.4	.6	1.1	.3	.3	1.3	.8	.8	2.3	.1
May 1993 .....	.9	1.0	.5	.6	1.1	.3	.2	.4	.6	.7	2.0	.1
North Dakota												
June 1993	1.7	2.0	.9	1.0	1.0	.2	1.3	2.1	.1	.6	1.9	2.6
May 1993	1.9	1.0	1.1	1.0	.9	.2	.8	1.1	.2	1.1	1.4	.1
Ohio												
June 1993	1.1	NA	NA	.3	.8	.2	.3	2.3	.3	.5	.7	.1
May 1993 .....	.4	.4	NA	.3	.7	.1	.3	2.0	.3	.3	1.3	.1
Oklahoma												
June 1993 .....	.2	-	.0	.5	1.5	.1	.5	3.3	.3	1.1	2.1	.2
May 1993 .....	.0	-	.0	.3	.9	.1	.3	2.5	.4	.7	1.4	.2
South Dakota												
June 1993 .....	.6	1.9	.4	1.1	2.8	.4	3.5	2.5	1.0	1.6	.3	.6
May 1993 .....	.3	.4	.3	.8	2.7	.2	2.5	.8	.7	1.2	1.2	.4
Tennessee												
June 1993	NA	-	-	.2	1.0	.2	.2	1.4	.4	.3	2.0	.5
May 1993	NA	-	-	.2	.9	.1	.2	1.1	.3	.3	1.7	.4
Wisconsin												
June 1993 .....	.8	1.6	1.1	.3	1.0	.2	.6	3.3	.2	.5	1.3	.2
May 1993 .....	.6	1.8	1.0	.2	1.2	.2	.6	2.1	.2	.4	2.1	.2
PAD District III Average												
June 1993 .....	.9	1.9	.9	.2	1.1	.2	.2	.9	.4	.3	1.2	.3
May 1993	1.0	1.2	.4	.2	1.1	.1	.2	1.4	.4	.2	1.1	.3

See footnotes at end of table.

**Table 51. Standard Errors of Motor Gasoline Prices^a by Grade,
PAD District, and State (Continued)**
(Cents per Gallon, Excluding Taxes)

Geographic Area Month	Refiner/Reseller											
	Leaded Regular			Unleaded Regular			Unleaded Midgrade			Premium		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Alabama												
June 1993	NA	-	-	0.3	1.6	0.4	0.4	1.7	0.5	0.4	2.7	0.6
May 1993	NA	-	-	.4	1.5	.3	.6	4.7	.3	.6	3.3	.6
Arkansas												
June 1993	NA	-	NA	.6	2.0	.3	1.2	2.1	.6	1.0	2.6	.5
May 1993	NA	-	NA	.3	1.0	.2	.6	1.4	.4	.8	1.3	.3
Louisiana												
June 1993	1.6	-	-	.7	1.5	.3	1.0	2.8	.4	1.9	2.3	.5
May 1993	1.4	-	-	.4	1.0	.3	.6	1.5	.5	.9	1.3	.5
Mississippi												
June 1993	NA	-	-	.7	1.1	.3	.9	1.3	.6	1.0	1.5	.6
May 1993	NA	-	-	.6	.9	.3	.8	2.4	.4	.9	1.5	.4
New Mexico												
June 1993	1.0	2.7	1.1	.9	1.0	.5	.6	.2	.3	1.7	.5	.8
May 1993	.7	1.5	.5	.9	.7	.3	.9	.1	.1	1.6	.5	.4
Texas												
June 1993	.5	.8	.2	.3	2.2	.3	.2	1.6	.7	.3	2.1	.5
May 1993	.7	1.8	.2	.3	2.2	.2	.2	2.1	.6	.2	2.2	.4
PAD District IV Average												
June 1993	.3	.9	.2	.2	.7	.2	.2	2.4	.3	.3	1.1	.1
May 1993	.9	.5	.2	.4	.7	.1	.2	1.1	.2	.8	.7	.1
Colorado												
June 1993	.5	2.6	.9	.3	1.9	.3	.2	1.4	.4	.2	1.9	.2
May 1993	.4	1.5	.4	.1	1.7	.2	.2	.6	.3	.2	1.6	.1
Idaho												
June 1993	.5	.8	.3	.6	1.0	.2	NA	-	NA	NA	.6	.2
May 1993	1.5	.5	.4	1.4	.7	.3	.2	NA	NA	2.0	1.1	.4
Montana												
June 1993	.5	1.1	.2	.3	.7	.1	NA	NA	NA	.6	.7	.1
May 1993	.5	1.1	.3	.3	1.2	.1	NA	NA	-	.5	.1	.1
Utah												
June 1993	.8	1.8	.3	.8	.9	.3	.4	NA	.3	.8	.8	.3
May 1993	.4	.6	.2	.4	1.0	.2	.5	-	.4	.5	1.3	.2
Wyoming												
June 1993	.4	2.5	.2	.8	2.0	.7	1.2	NA	NA	.4	2.6	.5
May 1993	.3	1.2	.3	.4	1.4	.1	.7	NA	NA	.4	2.3	.2
PAD District V Average												
June 1993	.5	.8	.2	.3	1.8	.2	.5	2.1	.3	.2	2.0	.2
May 1993	.2	.9	.2	.2	1.3	.2	.4	1.9	.3	.1	1.3	.1
Alaska												
June 1993	.0	1.4	.1	.7	2.5	.7	-	NA	NA	.6	4.8	.3
May 1993	.0	1.3	.1	.7	2.4	.6	-	NA	NA	.8	6.2	.7
Arizona												
June 1993	.4	1.2	.3	.4	.7	.3	3.2	.4	.8	.5	1.2	.3
May 1993	.3	.7	.3	.2	.7	.3	2.8	1.9	.7	.3	.7	.3
California												
June 1993	NA	-	.1	.4	2.5	.3	.5	2.3	.3	.2	2.5	.2
May 1993	NA	-	NA	.4	1.9	.2	.4	2.1	.3	.2	1.8	.1
Hawaii												
June 1993	-	-	-	.1	3.0	.2	.1	2.5	.1	.1	4.0	.1
May 1993	-	-	-	.1	2.7	.2	.1	1.3	.1	.1	3.4	.1
Nevada												
June 1993	3.5	6.3	.1	1.5	1.2	.4	.8	2.0	.5	1.4	1.3	.2
May 1993	2.2	1.7	.5	.3	.8	.2	.1	1.6	.3	.1	1.3	.1
Oregon												
June 1993	1.0	1.0	.4	1.1	1.2	.5	NA	-	-	1.3	1.1	.3
May 1993	.6	1.5	.3	.6	1.5	.4	NA	-	-	.7	1.6	.3
Washington												
June 1993	.7	1.6	.3	.5	1.2	.2	NA	.6	.0	.4	1.8	.2
May 1993	.3	1.4	.2	.2	.9	.2	.0	.4	.0	.2	1.5	.2

^a Sales prices shown in Tables 28 and 29.

Dashes (-) = No data reported.

NA = Not available.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Standard errors are not additive. Standard errors that are less than 0.1 and greater than zero are displayed as 0.1.

**Table 52. Standard Errors of No. 2 Distillate Prices^a by Sales Type,
PAD District, and Selected States**
(Cents per Gallon, Excluding Taxes)

Geographic Area Month	Sales to End Users						Sales for Resale
	To Residential Consumers ^b	To Commercial/ Institutional Consumers	To Industrial Consumers	Sales Through Company Outlets ^c	To Other End Users	Average	
U.S. Average							
June 1993	0.6	0.2	0.5	0.3	0.4	0.2	0.1
May 1993 .....	.5	.2	.5	.3	.4	.2	.1
PAD District I Average							
June 1993 .....	.7	.4	.8	.6	.7	.4	.1
May 1993 .....	.6	.3	.7	.4	.7	.4	.1
Subdistrict IA Average							
June 1993 .....	.8	.6	1.2	.3	.8	.8	.1
May 1993 .....	.6	.6	.8	.3	.7	.8	.1
Connecticut							
June 1993	1.5	.9	2.3	1.1	2.1	1.4	.2
May 1993	1.3	.9	2.4	1.0	2.0	1.3	.4
Maine							
June 1993 .....	.9	.5	4.8	.3	2.4	.5	.2
May 1993 .....	.5	.5	1.0	.3	1.0	.4	.2
Massachusetts							
June 1993	1.5	1.3	2.6	.7	.6	2.1	.1
May 1993	1.0	1.3	1.2	.8	.5	1.8	.2
New Hampshire							
June 1993	1.1	1.1	1.3	.9	4.5	.9	.4
May 1993 .....	.8	1.3	1.9	.9	3.0	.9	.7
Rhode Island							
June 1993	2.6	1.2	.8	.8	.5	1.5	.1
May 1993	2.4	.8	.7	.8	.8	1.8	.1
Vermont							
June 1993	1.1	.9	1.4	.5	2.1	1.2	.2
May 1993	1.0	.7	1.5	.9	2.1	1.0	.2
Subdistrict IB Average							
June 1993	1.3	.5	1.5	.6	.8	.6	.1
May 1993	1.0	.5	1.4	.5	.7	.5	.1
Delaware							
June 1993 .....	.5	.4	.4	1.6	1.5	.6	.1
May 1993	1.4	.5	.9	1.2	2.2	.6	.1
District of Columbia							
June 1993 .....	.8	.5	NA	NA	.0	.5	.0
May 1993 .....	.2	.4	--	NA	.0	.2	.0
Maryland							
June 1993	1.0	.8	1.5	.9	2.5	1.0	.2
May 1993 .....	.9	.6	1.0	.8	1.9	.7	.2
New Jersey							
June 1993	1.7	1.0	3.2	1.7	2.3	.8	.1
May 1993	1.8	.9	.3	1.3	1.2	.7	.1
New York							
June 1993	2.4	1.3	3.9	1.4	1.0	1.5	.1
May 1993	1.7	1.3	4.2	1.3	.7	1.3	.2
Pennsylvania							
June 1993 .....	.8	.6	2.0	.5	1.8	.5	.2
May 1993 .....	.9	.5	1.8	.4	1.4	.6	.2
Subdistrict IC Average							
June 1993	1.5	.6	1.0	1.0	1.1	.6	.1
May 1993	1.5	.5	.7	.6	1.2	.4	.1
Virginia							
June 1993	1.2	1.2	1.8	.5	1.8	.8	.1
May 1993	1.1	.9	1.6	.4	1.6	.7	.2
West Virginia							
June 1993	2.5	.3	.7	1.3	1.1	.3	.3
May 1993	2.3	.3	.4	.9	1.2	.3	.3
PAD District II Average							
June 1993 .....	.7	.3	.8	.4	.6	.3	.1
May 1993 .....	.5	.4	.8	.5	.6	.5	.1
Illinois							
June 1993	1.7	.8	3.4	.4	1.7	1.1	.2
May 1993	1.3	.8	2.9	.5	1.4	1.0	.1

See footnotes at end of table.

Table 52. Standard Errors of No. 2 Distillate Prices^a by Sales Type, PAD District, and Selected States (Continued)
(Cents per Gallon, Excluding Taxes)

Geographic Area Month	Sales to End Users						Sales for Resale
	To Residential Consumers ^b	To Commercial/ Institutional Consumers	To Industrial Consumers	Sales Through Company Outlets ^c	To Other End Users	Average	
Indiana							
June 1993	1.5	0.4	0.9	0.2	1.7	0.4	0.1
May 1993	1.9	.4	.8	.7	1.6	1.4	.1
Michigan							
June 1993	2.2	1.3	1.8	.9	1.9	1.1	.4
May 1993	1.4	1.0	3.2	1.1	1.9	1.2	.5
Minnesota							
June 1993	1.4	1.0	2.1	1.1	1.7	.7	.2
May 1993	1.1	1.0	2.4	1.3	1.5	.8	.2
Ohio							
June 1993 .....	.8	.8	1.0	.2	1.9	.5	.2
May 1993	1.1	1.0	.6	.3	2.5	.9	.1
Wisconsin							
June 1993	1.9	1.6	2.7	1.1	1.6	.9	.2
May 1993	1.5	1.7	2.2	1.0	1.4	.8	.2
PAD District III Average							
June 1993	2.8	.5	.9	.7	1.2	.5	.1
May 1993 .....	.9	.4	.6	.5	1.2	.4	.1
PAD District IV Average							
June 1993	1.4	1.1	.9	1.3	.9	.9	.1
May 1993	1.4	1.0	.6	.6	.9	.7	.2
Idaho							
June 1993	1.0	1.4	1.9	4.8	1.1	1.7	.1
May 1993	2.0	.9	1.0	1.9	1.1	.9	.1
PAD District V Average							
June 1993	1.7	.6	1.3	.6	.9	.5	.1
May 1993	1.0	.6	1.1	.5	.9	.5	.1
Alaska							
June 1993	2.9	2.3	7.8	1.2	.8	1.5	.1
May 1993	2.2	1.5	2.1	1.0	1.5	.9	.1
Oregon							
June 1993	1.6	1.5	4.6	2.0	2.1	.8	.3
May 1993	1.2	1.0	2.9	1.8	2.9	.7	.2
Washington							
June 1993	2.4	1.9	2.1	1.7	2.3	1.4	.1
May 1993	1.7	1.4	2.8	.9	1.8	.9	.1

^a Sales prices shown in Table 38.

^b No. 2 fuel oil only.

^c No. 2 diesel fuel only.

Dashes (-) = No data reported.

NA = Not available.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Standard errors are not additive. Standard errors that are less than 0.1 and greater than zero are displayed as 0.1.

Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

**Table 53. Standard Errors of No. 2 Fuel Oil Prices,^a by Sales Type,
PAD District, and Selected States**
(Cents per Gallon, Excluding Taxes)

Geographic Area Month	Sales to End Users					Sales for Resale
	To Residential Consumers	To Commercial/ Institutional Consumers	To Industrial Consumers	To Other End Users	Average	
U.S. Average						
June 1993	0.6	0.6	1.3	0.5	0.6	0.1
May 1993 .....	.5	.6	.5	.7	.5	.1
PAD District I Average						
June 1993 .....	.7	.8	1.0	.8	.7	.1
May 1993 .....	.6	.7	.6	.7	.6	.1
Subdistrict IA Average						
June 1993 .....	.8	.8	1.1	.4	.9	.1
May 1993 .....	.6	.8	.5	.5	.7	.2
Connecticut						
June 1993	1.5	1.5	1.5	.1	1.5	.3
May 1993	1.3	1.2	1.4	3.6	1.4	.5
Maine						
June 1993 .....	.9	.5	1.6	8.0	.7	.2
May 1993 .....	.5	.5	.3	NA	.4	.2
Massachusetts						
June 1993	1.5	1.9	1.1	.4	2.1	.1
May 1993	1.0	1.8	1.1	.7	1.5	.2
New Hampshire						
June 1993	1.1	1.8	1.7	1.5	1.2	.1
May 1993 .....	.8	1.5	1.9	-	.9	.1
Rhode Island						
June 1993	2.6	2.0	2.9	NA	2.2	.1
May 1993	2.4	2.3	2.1	NA	2.2	.1
Vermont						
June 1993	1.1	1.1	.2	NA	1.3	.1
May 1993	1.0	1.2	1.0	NA	1.0	.1
Subdistrict IB Average						
June 1993	1.3	1.6	.8	.3	1.2	.1
May 1993	1.0	1.5	.7	.6	.9	.1
Delaware						
June 1993 .....	.5	.9	1.1	NA	.3	.1
May 1993	1.4	.7	NA	.2	1.1	.1
District of Columbia						
June 1993 .....	.8	NA	-	NA	.7	.0
May 1993 .....	.2	.3	-	NA	.3	.0
Maryland						
June 1993	1.0	1.6	1.9	.3	1.8	.1
May 1993 .....	.9	1.3	2.3	.8	1.1	.1
New Jersey						
June 1993	1.7	1.1	.2	1.6	1.6	.1
May 1993	1.8	2.3	.7	1.2	1.5	.1
New York						
June 1993	2.4	3.3	.5	.3	2.3	.1
May 1993	1.7	3.0	.8	.2	1.6	.1
Pennsylvania						
June 1993 .....	.8	1.1	2.2	.8	.7	.1
May 1993 .....	.9	1.3	1.7	1.8	.9	.1
Subdistrict IC Average						
June 1993	1.5	1.3	2.3	1.4	1.1	.1
May 1993	1.5	1.4	1.4	1.5	1.1	.1
Virginia						
June 1993	1.2	1.2	3.7	2.7	2.0	.1
May 1993	1.1	.8	2.3	3.0	1.8	.2
West Virginia						
June 1993	2.5	.7	.9	1.1	1.4	.1
May 1993	2.3	1.7	.2	2.3	1.3	.2
PAD District II Average						
June 1993 .....	.7	.9	.5	.8	.6	.1
May 1993 .....	.5	1.1	.6	1.5	.6	.1
Illinois						
June 1993	1.7	1.2	1.4	1.6	1.0	.2
May 1993	1.3	1.0	.4	2.7	1.7	.1

See footnotes at end of table.

Table 53. Standard Errors of No. 2 Fuel Oil Prices,^a by Sales Type, PAD District, and Selected States (Continued)
(Cents per Gallon, Excluding Taxes)

Geographic Area Month	Sales to End Users					Sales for Resale
	To Residential Consumers	To Commercial/ Institutional Consumers	To Industrial Consumers	To Other End Users	Average	
Indiana						
June 1993	1.5	NA	0.3	3.9	0.9	0.1
May 1993	1.9	NA	.5	4.5	1.1	.1
Michigan						
June 1993	2.2	0.7	1.5	1.8	1.8	.2
May 1993	1.4	.9	2.0	1.4	1.4	.2
Minnesota						
June 1993	1.4	3.4	.6	.6	2.7	.1
May 1993	1.1	2.5	.9	1.3	3.3	.1
Ohio						
June 1993 .....	.8	3.0	.8	.8	1.3	.1
May 1993	1.1	3.5	.7	1.5	1.5	.1
Wisconsin						
June 1993	1.9	1.1	2.6	2.6	1.6	.3
May 1993	1.5	2.2	1.5	2.8	1.2	.3
PAD District III Average						
June 1993	2.8	.4	1.8	.5	1.0	.1
May 1993 .....	.9	.3	1.3	.6	.9	.1
PAD District IV Average						
June 1993	1.4	2.6	NA	NA	2.0	.1
May 1993	1.4	1.4	NA	.2	1.2	.1
Idaho						
June 1993	1.0	2.7	-	NA	.8	.1
May 1993	2.0	.5	-	.2	1.4	.1
PAD District V Average						
June 1993	1.7	2.5	NA	.7	1.9	.1
May 1993	1.0	2.0	4.4	.4	1.0	.1
Alaska						
June 1993	2.9	4.5	NA	NA	3.4	.1
May 1993	2.2	2.6	8.7	NA	1.6	.1
Oregon						
June 1993	1.6	5.5	NA	NA	2.6	.1
May 1993	1.2	1.0	NA	NA	1.0	.1
Washington						
June 1993	2.4	1.3	.7	.6	1.9	.1
May 1993	1.7	1.2	.1	1.8	1.8	.1

^a Sales prices shown in Table 39.

Dashes (-) = No data reported.

NA = Not available.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Standard errors are not additive. Standard errors that are less than 0.1 and greater than zero are displayed as 0.1.

Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

Table 54. Standard Errors of Residual Fuel Oil Prices,^a by PAD District and Selected States
(Cents per Gallon, Excluding Taxes)

Geographic Area Month	Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent		Residual Fuel Oil Sulfur Content Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
U.S. Average						
June 1993	0.6	0.1	0.2	0.1	0.1	0.1
May 1993 .....	.2	.1	.1	.1	.1	.1
PAD District I Average						
June 1993 .....	.3	.1	.2	.1	.2	.1
May 1993 .....	.2	.1	.1	.0	.1	.1
Subdistrict IA Average						
June 1993 .....	.1	.0	.2	NA	.2	.1
May 1993 .....	.1	NA	.2	.0	.1	NA
Connecticut						
June 1993 .....	.2	NA	NA	-	.2	NA
May 1993 .....	.0	NA	NA	-	.2	NA
Maine						
June 1993 .....	.0	NA	.0	NA	.0	NA
May 1993 .....	.1	.0	.0	NA	.1	.0
Massachusetts						
June 1993 .....	.1	.0	.2	NA	.3	.0
May 1993 .....	.1	NA	.1	.0	.1	NA
New Hampshire						
June 1993	NA	-	.0	-	.0	-
May 1993 .....	.4	-	.5	-	.9	-
Rhode Island						
June 1993 .....	.0	NA	-	-	.0	NA
May 1993 .....	.0	NA	-	-	.0	NA
Subdistrict IB Average						
June 1993 .....	.6	.1	.4	.0	.4	.1
May 1993 .....	.5	.1	.1	.0	.3	.1
Delaware						
June 1993 .....	.1	NA	.3	NA	.1	.0
May 1993 .....	.1	NA	.1	NA	.1	NA
Maryland						
June 1993	NA	NA	.5	NA	.2	.1
May 1993 .....	.1	NA	.3	NA	.2	NA
New Jersey						
June 1993 .....	.3	.0	.0	.0	.2	.0
May 1993 .....	.1	.0	.0	.0	.1	.0
New York						
June 1993 .....	.9	.1	.3	.0	.6	.1
May 1993 .....	.7	.1	.1	NA	.5	.1
Pennsylvania						
June 1993 .....	.2	.0	.1	.0	.1	.0
May 1993 .....	.9	NA	.1	NA	.4	.0
Subdistrict IC Average						
June 1993 .....	.2	NA	.3	.0	.2	.0
May 1993 .....	.1	NA	.0	.0	.1	.0
Florida						
June 1993 .....	.2	NA	.3	.0	.2	.0
May 1993 .....	.0	NA	.0	NA	.0	.0
Georgia						
June 1993	NA	-	.0	NA	.0	NA
May 1993	-	-	.0	-	.0	-
North Carolina						
June 1993	NA	-	.0	NA	.0	NA
May 1993 .....	.0	-	.0	.0	.0	.0
South Carolina						
June 1993	NA	-	NA	-	NA	-
May 1993	NA	-	NA	-	NA	-
Virginia						
June 1993 .....	.6	NA	.1	.0	.1	.0
May 1993 .....	.1	NA	.0	NA	.1	NA
PAD District II Average						
June 1993 .....	.3	.4	.0	.0	.1	.1
May 1993 .....	.9	.1	.0	.0	.3	.1

See footnotes at end of table.

Table 54. Standard Errors of Residual Fuel Oil Prices,^a by PAD District and Selected States (Continued)
(Cents per Gallon, Excluding Taxes)

Geographic Area Month	Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent		Residual Fuel Oil Sulfur Content Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
Illinois						
June 1993	NA	NA	NA	NA	0.0	0.0
May 1993	0.0	NA	NA	NA	.0	.0
Indiana						
June 1993 .....	.0	NA	0.0	NA	.0	NA
May 1993 .....	.0	NA	.0	NA	.0	NA
Michigan						
June 1993 .....	.4	0.6	.0	NA	.3	.6
May 1993	1.5	.2	.0	NA	1.6	.2
Minnesota						
June 1993	-	-	.0	NA	.0	NA
May 1993	-	NA	.0	NA	.0	NA
Ohio						
June 1993	NA	NA	.0	NA	.0	NA
May 1993	NA	NA	.0	NA	.0	NA
PAD District III Average						
June 1993	NA	.4	.1	0.2	.1	.2
May 1993	NA	.1	.1	.0	.1	.1
Alabama						
June 1993	NA	-	1.2	NA	1.2	NA
May 1993	NA	-	.0	NA	.1	NA
Louisiana						
June 1993	NA	.1	.1	.3	.1	.2
May 1993	NA	.0	.1	.0	.1	.0
Mississippi						
June 1993	-	NA	.0	.6	.0	.4
May 1993	-	NA	NA	NA	NA	.0
Texas						
June 1993	-	.5	.1	.1	.1	.4
May 1993	-	.1	.1	.0	.1	.1
PAD District IV Average						
June 1993	NA	NA	.0	NA	.0	.0
May 1993	NA	.0	.0	NA	.0	.0
PAD District V Average						
June 1993 .....	.1	.4	.1	.1	.2	.1
May 1993 .....	.1	.4	.1	.1	.1	.1
California						
June 1993	NA	.4	.2	.1	.2	.2
May 1993	NA	.4	.1	.1	.2	.2
Hawaii						
June 1993	NA	-	.0	NA	.0	NA
May 1993	NA	NA	NA	NA	NA	NA
Oregon						
June 1993	NA	-	NA	NA	NA	NA
May 1993	NA	-	.0	.0	.1	.0
Washington						
June 1993	NA	-	.2	.0	.2	.0
May 1993	NA	-	.1	.0	.1	.0

^a Sales prices shown in Table 41.

Dashes (-) = No data reported.

NA = Not available.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Standard errors are not additive. Standard errors that are less than 0.1 and greater than zero are displayed as 0.1.

Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

Table 55. Response Rate by Entity, PAD District, and State
(Percent)

Geographic Area	Refiners		Resellers and Retailers		Suppliers	
	June 1993	May 1993	June 1993	May 1993	June 1993	May 1993
U.S. Average	98.2	99.0	91.2	96.0	99.1	99.8
PAD District I Average	98.9	99.4	90.5	95.6	99.0	99.9
Subdistrict IA Average	99.1	99.1	89.1	95.0	97.8	100.0
Connecticut	95.8	100.0	91.8	95.9	97.6	100.0
Maine	100.0	94.4	87.1	94.4	100.0	100.0
Massachusetts	100.0	100.0	88.0	94.7	97.6	100.0
New Hampshire	100.0	100.0	86.8	93.4	97.5	100.0
Rhode Island	100.0	100.0	89.8	98.5	97.4	100.0
Vermont	100.0	100.0	91.4	93.2	97.1	100.0
Subdistrict IB Average	98.0	99.3	90.9	96.2	99.3	99.8
Delaware	100.0	100.0	94.6	96.4	100.0	100.0
District of Columbia	92.3	100.0	92.6	100.0	100.0	100.0
Maryland	95.8	100.0	90.6	97.2	100.0	100.0
New Jersey	100.0	96.7	85.1	94.0	98.1	100.0
New York	96.9	100.0	92.3	96.2	98.4	98.4
Pennsylvania	100.0	100.0	91.9	96.3	100.0	100.0
Subdistrict IC Average	99.5	99.5	91.4	95.5	99.7	100.0
Florida	100.0	100.0	94.3	98.8	100.0	100.0
Georgia	100.0	100.0	94.4	98.9	100.0	100.0
North Carolina	97.3	97.4	91.2	94.4	100.0	100.0
South Carolina	100.0	100.0	93.7	98.7	100.0	100.0
Virginia	100.0	100.0	86.3	91.0	98.2	100.0
West Virginia	100.0	100.0	91.1	93.7	100.0	100.0
PAD District II Average	98.8	99.4	92.4	96.3	99.6	100.0
Illinois	100.0	100.0	93.2	96.6	98.2	100.0
Indiana	100.0	100.0	95.8	97.5	100.0	100.0
Iowa	97.0	100.0	96.2	96.8	100.0	100.0
Kansas	97.6	100.0	87.6	95.5	100.0	100.0
Kentucky	97.1	100.0	90.6	97.6	100.0	100.0
Michigan	96.8	96.8	91.8	96.8	100.0	100.0
Minnesota	100.0	97.0	88.6	93.3	100.0	100.0
Missouri	100.0	100.0	88.0	93.6	98.2	100.0
Nebraska	100.0	100.0	93.0	96.1	100.0	100.0
North Dakota	100.0	100.0	95.0	100.0	100.0	100.0
Ohio	97.1	97.2	94.2	97.0	100.0	100.0
Oklahoma	100.0	100.0	90.4	96.0	100.0	100.0
South Dakota	100.0	100.0	93.3	94.6	100.0	100.0
Tennessee	97.1	100.0	95.0	100.0	97.9	100.0
Wisconsin	100.0	100.0	92.1	95.0	100.0	100.0
PAD District III Average	98.5	98.9	92.1	96.8	99.4	99.4
Alabama	100.0	100.0	96.8	98.9	97.9	100.0
Arkansas	100.0	100.0	90.2	97.6	100.0	100.0
Louisiana	98.1	98.0	91.9	97.7	100.0	100.0
Mississippi	100.0	100.0	95.3	100.0	100.0	98.1
New Mexico	100.0	100.0	83.6	92.2	100.0	100.0
Texas	97.1	97.1	92.0	94.8	98.9	98.9
PAD District IV Average	98.3	97.5	90.8	96.4	99.3	100.0
Colorado	100.0	100.0	90.8	98.7	100.0	100.0
Idaho	100.0	100.0	89.5	95.6	95.6	100.0
Montana	100.0	100.0	95.8	98.0	100.0	100.0
Utah	100.0	100.0	86.4	96.5	100.0	100.0
Wyoming	92.6	89.3	92.8	92.7	100.0	100.0
PAD District V Average	93.5	96.0	88.5	95.1	97.4	99.5
Alaska	93.8	87.5	96.8	96.7	100.0	100.0
Arizona	92.6	100.0	91.2	96.4	97.1	100.0
California	94.7	100.0	88.2	93.6	97.9	100.0
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0
Nevada	90.5	95.2	89.6	97.9	96.3	96.3
Oregon	90.9	100.0	82.8	92.9	96.4	100.0
Washington	95.2	100.0	87.3	95.3	96.4	100.0

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report," and EIA-782C, "Monthly Report of Petroleum Products Sold Into States for Consumption."

Explanatory Notes

The EIA-782 Survey

Background

The EIA-782 survey was implemented to fulfill the data requirements necessary to meet Energy Information Administration (EIA) legislative mandates and user community data needs. The requirements include petroleum product price, market distribution, demand (or sales), and product supply data, which are needed for a complete evaluation of petroleum market performance. In the past, these data requirements were fulfilled through the following surveys:

- EIA-460: "Petroleum Industry Monthly Report for Product Prices"
- EIA-9A: "No. 2 Distillate Price Monitoring Report"
- EIA-25: "Prime Supplier's Monthly Report"
- FEA-P306: "Refiner/Importer Monthly Report of Petroleum Product Distribution"
- FEA-P314: "Monthly Survey of Distillate and Residual Fuel Oil Sales to Ultimate Consumers"
- FEA-P315: "Monthly Survey of Propane Sales Volume to Ultimate Consumers"
- SG-1, 2, 4, and 7: "Survey of Gallonage Sales of Gasoline."

The President's Executive Order 12287 on decontrol in January 1981, and the expiration of the Emergency Petroleum Allocation Act (EPAA) on September 30, 1981, brought changes in EIA's legislative mandates and data requirements. These changes, along with EIA's previous commitment to consolidate its data collection, motivated the development of an EIA survey which eliminated regulatory data elements and integrated, consolidated, and continued the collection of basic statistical elements from previous forms.

Comments solicited from the petroleum industry and data users led to the development of this new consolidated survey--the Form EIA-782 series, which includes the Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*, Form EIA-782B, *Reseller/Retailers' Monthly Petroleum Prod-*

uct Sales Report, and Form EIA-782C, *Monthly Report of Petroleum Products Sold into States for Consumption*.

The Form EIA-782A replaced the refiner and gas plant operator portion of the Form EIA-460. Major changes include deleting 10 product categories and redefining and regrouping other product categories formerly on the Form EIA-460 survey, shifting reporting from a national to a State-specific basis, and revising respondent lists and respondent groupings used for publication. The Form EIA-782A collects refiner and gas plant operator monthly price and volume data on a State level for various petroleum products for retail and wholesale marketing categories, with more detailed retail customer sales categories for No. 2 distillate.

The Form EIA-782B replaced the nonrefiner portions of the Form EIA-9A and the Form EIA-460. Major changes to the Form EIA-9A included deleting purchase, inventory, storage capacity, and tax data; regrouping customer sales categories; and revising the frame and sample.

The Form EIA-782C replaced Form EIA-25. Changes made include deletion of some product categories and the regrouping of others.

Discussion of Sample Design

The Form EIA-782A was sent to a census of refiners and gas plant operators. Respondents were selected with certainty due to their small number and because of the relative size of their sales volume.

The Form EIA-782B was sent to a scientifically selected sample of motor gasoline resellers, and distillate and residual fuel oil resellers and retailers. The Form EIA-863, "Petroleum Product Sales Identification Survey," served as the basis of the sampling frame of dealers. Information obtained from the Form EIA-863 was supplemented with information from the Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," to provide separate stratification schemes that vary by product and State. Dealers selling in four or more States and company/State units comprising 5 percent or more of sales in that State were selected with certainty. The remaining company/State units on

the frame were stratified within geographic area and sales type by urban/rural designation and volume of product sales. The geographic areas were defined as (a) the 24 States in which No. 2 distillate was a significant heating source and 51 States for residual and motor gasoline, or as (b) the PAD Districts for districts where not all State estimates are provided. The type-of-sale classifications were retail and resale for motor gasoline and residual fuel oil, and residential and non-residential retail and wholesale for distillate. Three volume-of-sales classifications (zero, low, and high) were defined with volume boundaries and numbers of strata, differing by State, sales type, and product.

The design of the EIA-782B sample was based on seven target variables: total retail motor gasoline, total wholesale motor gasoline, residential No. 2 fuel oil, other retail No. 2 fuel oil, total wholesale No. 2 fuel oil, total retail residual fuel oil, and total wholesale residual fuel oil. The required level of accuracy for each target variable was defined by a volume coefficient of variation (CV) of 15 percent for No. 2 distillate and 10 percent for motor gasoline and residual fuel oil, determined at the publishable State level (24 States for distillate, 51 for motor gasoline and residual). Studies on the relationship of volume CV to price CV have shown that this will produce price CVs of less than 1 percent. The reliability of current month estimates will vary from these goals due to the deterioration of the frame over time and the changing distributions of price and volume.

The samples resulting from the separate stratification schemes were combined by means of a linked-selection procedure designed to maximize the overlap among samples. This procedure produced a sample size of approximately 2,788 companies. Each company selected was required to file completed survey forms for all States in which it had petroleum sales.

The Form EIA-782C was sent to all prime suppliers of any of the selected products on the EIA-782C. A prime supplier is a firm that produces, imports, or transports any of the selected petroleum products across State boundaries and local marketing areas and sells the product to local distributors, local retailers, or end users. They were selected with certainty due to their small number and the relative size of their sales volumes.

Discussion of the Sampling Frame

The Form EIA-782A mailing list consisted of all companies included on the mailing lists for the Form EIA-87, "Refiners Report," and the Form EIA-64, "Natural Gas Liquids Operations Report," in addition to those companies identified as refiners or gas plant operators on the Form EIA-460, "Petroleum Industry Monthly Report for Product Prices," name and address

file. The records from these combined files provided comprehensive coverage of the target population of refiners and gas plant operators. Currently, there are 161 companies responding to the EIA-782A.

The EIA-863 data base provided the sampling frame for the EIA-782B survey. The EIA-863, "Petroleum Product Sales Identification Survey," was mailed to approximately 27,000 companies in January 1989, in order to collect 1988 State level sales volume data for No. 2 distillate, residual, and motor gasoline. The No. 2 distillate data were further identified by residential/nonresidential end-use and non-end-use sales, while the residual and motor gasoline data were identified by end-use and non-end-use sales. The mailing list for the EIA-863 survey was constructed by merging and unduplicating the previous master frame file and approximately 47 State and commercial lists.

Data from the 1988 EIA-821, "Annual Fuel Oil and Kerosene Sales Report" survey were merged with data from the EIA-863 survey to yield a combined file. A transformed and edited version of this file was created to form the sample file used to design and select the EIA-782B sample.

NOTE: Truck stops selling No. 2 diesel fuel were not specifically included in the frame. Therefore, the EIA-782B end-use category, "sales through company outlets," does not incorporate all sales of No. 2 distillate.

The initial Form EIA-782C mailing list consisted of all companies included on the mailing lists for the Forms EIA-782A and EIA-25 and all other firms believed to qualify for reporting. The Form EIA-782C frame currently includes approximately 238 firms.

Reliability of Data

There are two types of errors possible in an estimate based on a sample survey: sampling and nonsampling. Sampling errors occur because observations are made only on a sample, not on the entire population. Nonsampling errors can be attributed to many sources in the collection and processing of data. The accuracy of survey results are determined by the joint effects of sampling and nonsampling errors.

Measures of Sampling Variability

Tables 15, 16, 28 to 34, 37 to 39, and 41 utilize a particular sample of nonrefiners and, therefore, have sampling error. The remainder of the tables published are based on census data; therefore, there is no error due

to sampling. The particular sample used for the EIA-782B is one of a large number of all possible samples that could have been selected using the same design. Estimates derived from the different samples would differ from each other. The average of these estimates would be close to the estimate derived from a complete enumeration of the population (a census), assuming that a complete enumeration has the same nonsampling errors as the sample survey.

The sampling error, or standard error of the estimate, is a measure of the variability among the estimates from all possible samples of the same size and design and, thus, is a measure of the precision with which an estimate from a particular sample approximates the results of a complete enumeration. Tables 50 to 54 provide the upper bounds of standard errors for sales prices of motor gasoline, No. 2 distillate, No. 2 fuel oil, and residual fuel oil, respectively.

Nonsampling Errors

Nonsampling errors can be attributed to many sources: (1) inability to obtain complete information about all cases in the sample (i.e., nonresponse), (2) response errors, (3) definitional difficulties, (4) differences in the interpretation of questions, (5) mistakes in recording or coding the data obtained, and (6) other errors of collection, response, coverage, and estimation for missing data. These nonsampling errors also occur in complete censuses.

Although no direct measurement of the biases due to nonsampling errors can be obtained, precautionary steps were taken in all phases of the frame development and data collection, processing, and tabulation processes, in an effort to minimize their influence. In addition, the close cooperative consultation between EIA and the EIA-782 survey respondents and data users results in a more accurate information gathering and reporting process. EIA-782 survey response rates are presented by type of entity in Table 55.

Imputation and Estimation

Survey data gathered from the respondents invariably contain incomplete reporting, nonresponse, and values that fail editing. These missing data are estimated, or imputed for, as follows. First, for all survey units, the previous month's reported value and the previous month's predicted value are weighted together to yield a predicted value for the current month. The sum of the weighted, predicted values for nonrespondents in the current month is then multiplied by a chain link multiplier (the ratio of the sum of the weighted, re-

ported values for respondents in the current month to the sum of the weighted, predicted values for respondents in the current month). The resulting estimate for nonreported values is then added to the reported values. That is,

$$\hat{V}_t = \sum_R W_i^* V_{i,t} + \frac{\sum_R W_i V_{i,t}}{\sum_R W_i \tilde{V}_{i,t}} \cdot \sum_{NR} W_i^* \tilde{V}_{i,t} \quad (1)$$

Where

$$W_i^* = \frac{N}{\sum_{i=1}^N W_i} (W_i)$$

W_i = the weight for company i . For resellers/retailers responding to EIA-782B, W_i is inversely proportional to the probability of inclusion. For all certainty units $W_i = 1$. The certainty units are all respondents to the EIA-782A, the EIA-782C, and the units selected with certainty for the EIA-782B.

N = total number of population units,

n = number of sampled units,

\sum_R = summation across current month respondents,

\sum_{NR} = summation across current month nonrespondents,

$V_{i,t}$ = current month (t) reported volume for company i ,

\hat{V}_t = current month (t) estimated total volume,

$\tilde{V}_{i,t}$ = current month (t) predicted volume for company i ,

$$\tilde{V}_{i,t} = \alpha \tilde{V}_{i,t-1} + (1 - \alpha) V_{i,t-1} \quad (2)$$

where

$\tilde{V}_{i,t-1}$ = previous month (t-1) predicted volume for company i ,

$V_{i,t-1}$ = previous month (t-1) reported volume for company i ,

α = constant between 0 and 1, set by product and type of sale.

Analogously, revenue formulas are expressed by replacing \hat{V}_t , $V_{i,t}$, and $V_{i,t-1}$ in (1) and (2) with \hat{Q}_t , $Q_{i,t}$, $Q_{i,t}$, and $Q_{i,t-1}$, where Q represents revenue, i.e., price times volume. The resulting estimated revenues

and volumes, \hat{Q}_t and \hat{V}_t , are aggregated to the publishable level to yield \hat{Q}_t and \hat{V}_t , respectively. Current period volume weighted average price is therefore estimated by:

$$\hat{P}_t = \frac{\hat{Q}_t}{\hat{V}_t} \quad (3)$$

where (t.) represents aggregation to the publishable level for the current month (t).

Multiple product data collection and linked sample selection yield two types of respondents: basic and supplemental. Both types are used for imputation, estimation, and standard errors.

Standard errors are obtained by taking the square root of the variance. The variance is estimated by using an approximation to the variance of an estimated ratio for use with an unequal probability sample.

The variance estimate is:

$$VAR(\hat{P}_t) = \frac{1}{\hat{V}_t^2} \sum_k N_k^2 n_k (1-f_k) \frac{M_k}{(\sum_i W_{ik})^2}$$

where

N_k = the number of population units in group k

n_k = the number of basic and volunteer respondents in group k

W_{ik} = the sampling weight for respondent i in group k

$$f_k = \frac{n_k}{N_k}$$

and \hat{P}_t and \hat{V}_t are as previously defined.

The term M_k is computed as follows:

$$M_k = \frac{\sum_i (M_{ik})^2}{n_k - 1}$$

where

$$M_{ik} = W_{ik} V_{ik} D_{ik} - \frac{W_{ik}}{(\sum_i W_{ik})} \times (\sum_i W_{ik} V_{ik} D_{ik})$$

and

$$D_{ik} = P_{ik} - \hat{P}_t$$

V_{ik} = reported volume for respondent i in group k

P_{ik} = reported price for respondent i in group k.

Data Continuity

The transition from the EIA-460, the EIA-9A, and the EIA-25 to the EIA-782, as discussed under "Background," occurred late in 1982 and involved many changes. These included changes in the reporting forms (such as changes in product definition), the frame, the nonresponse adjustment (imputation procedure), the sample, and the operating system; i.e., the editing and computational procedures. All these changes may be expected to have an impact on the volumes and prices derived from the EIA-782 survey and presented in this publication.

Since the transition from the EIA-460, the EIA-9A, and the EIA-25 to the EIA-782 took place over a period of 4 months, rather than occurring at one time, it was possible to compare data from the predecessor surveys with data from the new survey during the transition period for some data elements. This comparative analysis yielded adjustment factors which reflected the estimated overall effect of the changes.

These adjustment factors were applied to the appropriate predecessor survey prices to yield a backcast estimate. A complete description of the estimation of historical data prior to January 1983 is contained in the feature article of the December 1983(3) issue of the PMM.

The backcast price estimation employed the predecessor survey published price as the initial approximation. The initial approximation, however, frequently represented less aggregated product categories and more aggregated seller/sales categories. Therefore, more comparable product categories were formed by volume weighting the disaggregated predecessor survey product prices. For the EIA-9A, comparable categories were formed by subtracting from the price the average taxes reported. Comparable seller/sales categories were formed by multiplying the predecessor price by the ratio of the EIA-782 price for the category to be estimated divided by the volume weighted prices for the aggregate of the EIA-782 categories most comparable to the predecessor category. That is,

$$\hat{P}_{460,i} = \hat{P}_{460,j} \frac{\hat{P}_{782,i}}{\hat{P}_{782,j}}$$

where i represents the EIA-782 category to be backcast and j represents the most similar category on the predecessor survey.

The backcast price series were estimated by multiplying the estimate for the previous time period from the predecessor survey by an adjustment factor:

$$\hat{P}_{782,i,t} = \hat{P}_{\text{Predecessor},i,t} \times (\text{Adjustment Factor})$$

where t = reference month.

Adjustment factors were computed by dividing the EIA-782 December price by the derived December predecessor price for comparable categories:

$$\text{Adjustment Factor} = \frac{\hat{P}_{782,i,\text{December}}}{\hat{P}_{\text{Predecessor},i,\text{December}}}$$

The EIA-782 December 1982 price for all respondents had to be estimated since not all of the EIA-782 respondents were reporting in December. This estimate was based on the average of the ratios of the prices for the December respondents to the prices for all respondents in January, February, and March of 1982. That is,

$$\hat{P}_{782,i,\text{December}} = \hat{P}_{782,i,r,\text{December}} \div \frac{\sum_m \frac{\hat{P}_{782,i,r,m}}{\hat{P}_{782,i,m}}}{3}$$

where r = respondents who reported in the December reference month and m = the months of January, February, and March.

Starting with the January 1984 final estimates, prices published are derived using the sample described under "Discussion of Sample Design." Prices published for January through December 1983 were derived using a different sample and design (see the December 1983(3) issue of the PMM for further description). Therefore, there may be some minor discontinuity between the December 1983 and January 1984 estimates.

Collection Methods

Survey data are collected by mail every month. It is mandatory for each respondent to submit completed forms to EIA within the specified time allotted. For the EIA-782A and B, completed forms must be submitted no later than 30 calendar days after the close of each reference month. For the EIA-782C, completed forms must be submitted no later than 20 calendar days after the close of the reference month. Telephone fol-

low-up calls to nonrespondents begin the day after the established due date in order to collect all outstanding data. Late submissions and resubmissions are processed when received.

Data Processing

As EIA-782 forms are received, they are logged into an automated Survey Control File which maintains monthly status codes for each company. The data are reviewed manually and then entered onto the computer files. They are then processed through an automated edit program which detects missing data, inconsistent prices, volumes and prices that significantly differ from those previously reported by the company, and outlying values that will affect published estimates. Data that fail the edits are resolved through telephone calls to the data reporters, and corrections and verification codes are entered on the computer files. Statistical reports, including publication tables, are then generated using only acceptable and verified data.

Nondisclosure

The data contained in this publication are subject to statistical nondisclosure procedures. The objective of the disclosure-avoidance procedures, as stated in the Energy Information Administration Standard 88-05-06, Subject: "Nondisclosure of Company Identifiable Data in Aggregate Cells," is to ensure that confidential, company-identifiable data are not disclosed in tables where "company specific responses may be proprietary and prohibited from public disclosure by 18 U.S.C. 1905." Statistics representing data aggregated from fewer than three companies or that are dominated by input from one or two companies are withheld. EIA identifies cells that are sensitive according to these criteria by applying a statistical formula to the data contained in each cell to determine if a few companies "dominate" the cell.

If a cell is sensitive, the data in that cell are suppressed and a "W" is placed in the publication cell. Also, since many tables include row or column totals, some nonsensitive data cells have been suppressed to prevent the reader from calculating the suppressed numbers by simply subtracting the published numbers from the total.

Relationship of Refiner and Prime Supplier Sales Volumes

The refiner sales volumes collected on the EIA-782A are related to the prime supplier sales volumes collected on the EIA-782C, but conceptual differences exist which cause variations between these data. In general, EIA-782A volumes are intended to reflect *refiner sales* of petroleum products into *all secondary and tertiary markets*, while EIA-782C volumes are designed to measure *prime supplier sales* into only the *local markets of ultimate consumption*. Specifically:

- The reporting universe for the EIA-782C survey is significantly larger than that of the EIA-782A. While nearly all refiners and gas plant operators report on both surveys (a small number do not qualify as prime suppliers), some large, inter-State distributors and retailers, as well as some importers, report only on the EIA-782C.
- EIA-782A respondents are asked only to exclude sales to other refiners (that is, other respondents that comprise the primary market), while EIA-782C respondents are asked to exclude sales to any company that is not a local distributor, local retailer, or end user (DRE). Therefore, EIA-782C respondents are asked not only to exclude sales to refiners, but also to most large inter-State resellers, importers, traders, and retailers who transport product across State boundaries.
- The EIA-782A is designed to gather data on the sales of selected petroleum products made in each State, regardless of where the products are physically located or will be consumed. In contrast, the EIA-782C is designed to collect data reflecting only delivered sales of selected petroleum products into those States where the products are expected to be locally consumed.

Consequently, EIA-782A and EIA-782C volumetric data generally vary at national, regional, and State levels. In particular, differences are expected in States and regions in which major supply origination, pipeline distribution, or transfer points are located. In these States, large volumes of product may change hands

many times, often for eventual shipment outside the State. Since the EIA-782C is intended to measure only those sales into the final local markets of consumption (sales to DREs), all preceding sales are excluded. Furthermore, sales by EIA-782C respondents are reported wherever the product was delivered, which may differ from the State where title transferred. In contrast, the EIA-782A reflects all sales made to secondary resellers, wherever title transfers.

Additionally, the EIA-782C reflects imports by firms that are neither refiners nor gas plant operators, that would not be measured on the EIA-782A unless they were transferred to a distribution chain. This would mostly affect regions with a high level of product imports, such as the New England or Mid-Atlantic States.

Therefore, States with major refining areas, such as Texas or California, generally show higher prime supplier sales, since some of the volumes reported on the EIA-782A are excluded on the EIA-782C or are reported in different States. Conversely, net consuming States (e.g., most PAD District I and PAD District II States) may show larger prime supplier sales on the EIA-782C due to inter-State movements or imports by resellers and/or differences in State of delivery versus title transfer. However, this may be partially or entirely offset by some refiners reporting larger sales volumes on the EIA-782A than on the EIA-782C (due to fewer exclusions taken on the EIA-782A).

In summary, caution should be exercised when comparing sales volumes between refiners and prime suppliers. Whereas EIA-782A data reflect the marketing of product by refiners to non-refiners where the sale occurs, EIA-782C data reflect prime supplier sales to local distributors, local retailers, and end users where the product is delivered. Therefore, the EIA-782A and EIA-782C surveys differ by the respondents reporting (refiners versus prime suppliers), the types of sales reported (sales to non-refiners versus sales to DREs), and the location of the reported sales (point of title transfer versus destination of the sale). While refiner volumes and prime supplier sales are related, the complex nature of the U.S. distribution system will result in varying degrees of dissimilarity between them.

Table EN1. Federal and State Motor Fuel Taxes¹
(Cents per Gallon)

	Motor Gasoline	Diesel Fuel	Gasohol		Motor Gasoline	Diesel Fuel	Gasohol
Federal ²	14.10	20.10	8.70	Mississippi ⁴	18.20	18.20	18.20
Average State Tax	18.77	18.66	18.24	Missouri ⁴	13.10	13.10	13.10
Alabama ⁴	18.00	19.00	18.00	Montana ⁴	21.40	21.40	21.40
Alaska	8.00	8.00	8.00	Nebraska ¹	24.60	24.60	24.60
Arizona	19.00	19.00	19.00	Nevada ⁴	23.60	27.60	23.60
Arkansas	18.70	18.70	18.70	New Hampshire	18.70	18.70	18.70
California ^{3 4}	17.60	17.60	17.60	New Jersey	14.50	17.50	14.50
Colorado	22.31	20.81	22.31	New Mexico ⁴	17.00	17.00	17.00
Connecticut ³	28.00	18.00	27.00	New York ^{3 4}	22.89	24.89	22.89
Delaware	19.00	19.00	19.00	North Carolina	22.15	22.15	22.15
District of Columbia ...	20.00	20.00	20.00	North Dakota	17.25	17.25	17.25
Florida ⁴	11.80	11.80	11.80	Ohio	21.00	21.00	21.00
Georgia ³	7.60	7.60	7.60	Oklahoma	17.00	14.00	17.00
Hawaii ^{3 4}	16.00	16.00	-	Oregon ⁴	24.00	24.00	19.00
Idaho	22.00	22.00	18.00	Pennsylvania	22.35	22.35	22.35
Illinois ^{3 4}	19.30	21.80	19.30	Rhode Island	26.00	26.00	26.00
Indiana ³	15.08	16.08	15.08	South Carolina ⁴	16.75	16.75	16.75
Iowa ³	20.00	22.50	19.00	South Dakota	19.00	19.00	17.00
Kansas	18.02	20.02	18.02	Tennessee	21.40	18.40	21.00
Kentucky	15.40	12.40	15.40	Texas	20.00	20.00	20.00
Louisiana ³	20.03	20.03	20.03	Utah	19.50	19.50	19.50
Maine	19.00	20.00	19.00	Vermont	16.00	17.00	16.00
Maryland	23.50	21.75	23.50	Virginia ^{3 4}	17.70	16.20	17.70
Massachusetts	21.00	21.00	21.00	Washington ⁴	23.12	23.12	19.44
Michigan ³	15.88	15.88	15.88	West Virginia	20.35	20.35	20.35
Minnesota	20.00	20.00	20.00	Wisconsin	24.20	24.20	24.20
				Wyoming	9.00	9.00	5.00

¹ This figure lists rates of general application (including, but not limited to, excise taxes, environmental taxes, special taxes, and inspection fees), exclusive of county and local taxes. Rates are also exclusive of any State taxes based on gross or net receipts. The State rates are effective as of January 1, 1993. We are aware of the following rate changes that will take effect in the next 6 months: Maryland: on July 1, 1993, diesel fuel will increase to 24.25 cents per gallon; Nebraska: on April 1, 1993 gasoline, gasohol, and diesel fuel will change to 22.7 cents per gallon; Wisconsin: on April 1, 1993, gasoline, gasohol, and diesel fuel will increase to 23.2 cents per gallon.

² The Federal tax on motor gasoline and diesel fuel increased 5.0 cents, to 14.1 and 20.1 cents, respectively, on December 1, 1990.

³ Additional State taxes are levied as follows: California: 7.25-8.25 percent sales tax; Connecticut: 5 percent gross earnings tax; Georgia: 3 percent second motor fuel tax plus 1 percent sales tax; Hawaii: 4 percent sales tax; Illinois: sales tax varies by jurisdiction, from 6.25 to 8.0 percent; Indiana: 5 percent sales and use tax; Iowa: 1 percent environmental protection tax; Louisiana: 3 percent motor gasoline, 4 percent diesel for off-road use; Michigan: 4 percent sales tax; New York: 4 percent sales tax; Virginia: sales and use tax of 2 percent in areas where mass transit systems exist.

⁴ Local option taxes are allowed. In Florida, the State assesses a SCETS tax of two-thirds the county rate (of 1 to 6 cents per gallon) in addition to the regular excise tax.

- Exempt.

Source: State revenue/taxation offices.

Table EN 2. U.S. Postal Two-Letter State Abbreviations

AL	Alabama	KY	Kentucky	ND	North Dakota
AK	Alaska	LA	Louisiana	OH	Ohio
AZ	Arizona	ME	Maine	OK	Oklahoma
AR	Arkansas	MD	Maryland	OR	Oregon
CA	California	MA	Massachusetts	PA	Pennsylvania
CO	Colorado	MI	Michigan	RI	Rhode Island
CT	Connecticut	MN	Minnesota	SC	South Carolina
DE	Delaware	MS	Mississippi	SD	South Dakota
DC	District of Columbia	MO	Missouri	TN	Tennessee
FL	Florida	MT	Montana	TX	Texas
GA	Georgia	NE	Nebraska	UT	Utah
HI	Hawaii	NV	Nevada	VT	Vermont
ID	Idaho	NH	New Hampshire	VA	Virginia
IL	Illinois	NJ	New Jersey	WA	Washington
IN	Indiana	NM	New Mexico	WI	Wisconsin
IA	Iowa	NY	New York	WV	West Virginia
KS	Kansas	NC	North Carolina	WY	Wyoming

Revision Error

The petroleum product price and volume data shown for the current month are preliminary. These numbers may be revised in the next month's publication based on data received late or revisions received. For example, if the latest data shown are for the month of Feb-

ruary, the February data are preliminary and the January data may have been revised due to the receipt of late or revised data. The data are final upon publication in the *Petroleum Marketing Annual* (PMA). The difference between the data when they appear in the *Petroleum Marketing Monthly* (PMM) and when they appear in the PMA is called the revision error. The amount of revision error for some selected EIA-782 data series is shown in the following tables.

Table EN3. Revision Error in Selected 1992 U.S. Average Price Data
(Cents per Gallon Excluding Taxes)

Date	Refiner/Reseller Unleaded Regular Sales to End Users			No. 2 Distillate Sales to Residential Customers			Residual Fuel Oil Sales to End Users		
	Preliminary	Final	Difference	Preliminary	Final	Difference	Preliminary	Final	Difference
January	68.3	68.4	-0.1	94.1	94.2	-0.1	29.3	28.8	0.5
February	67.4	67.6	-.2	94.0	94.2	-.2	28.0	27.7	.3
March	68.3	68.5	-.2	93.0	93.2	-.2	27.9	27.7	.2
April	72.1	72.1	.0	92.3	92.5	-.2	29.7	29.6	.1
May	77.4	77.4	.0	92.4	92.3	.1	33.4	33.4	.0
June	80.4	80.5	-.1	92.4	92.0	.4	34.5	34.5	.0
July	79.4	79.4	.0	90.4	90.4	.0	36.7	36.7	.0
August	78.3	78.3	.0	88.5	88.6	-.1	38.9	38.8	.1
September	78.4	78.4	.0	90.1	90.1	.0	37.7	37.5	.2
October	77.4	77.4	.0	93.9	93.7	.2	39.2	39.2	.0
November	76.6	76.6	.0	94.7	94.8	-.1	39.4	39.4	.0
December	73.3	73.3	.0	94.5	94.5	.0	36.2	36.2	.0

Sources: Preliminary data are from Tables 15, 28, and 40 of the *Petroleum Marketing Monthly*. Final data are from Tables 15, 28, and 40 of the *Petroleum Marketing Annual, 1992*.

Table EN4. Revision Error in Selected 1992 Refiner Sales Volume Data
(Million Gallons)

Date	Motor Gasoline Sales for Resale			No. 2 Distillate Sales for Resale			Residual Fuel Oil Sales to End Users		
	Preliminary	Final	Percent Change	Preliminary	Final	Percent Change	Preliminary	Final	Percent Change
January	7,689	7,735	-0.6	3,423	3,399	0.7	843	881	-4.5
February	7,328	7,332	-.1	2,965	2,960	.2	763	809	-6.0
March	8,029	8,046	-.2	3,123	3,095	.9	770	814	-5.7
April	8,191	8,144	.6	3,041	3,026	.5	632	685	-8.4
May	8,384	8,355	.3	2,829	2,799	1.1	572	604	-5.6
June	8,208	8,150	.7	2,791	2,771	.7	610	646	-5.9
July	8,499	8,458	.5	2,830	2,798	1.1	626	650	-3.8
August	8,277	8,241	.4	2,818	2,790	1.0	588	585	.5
September	8,048	8,048	.0	3,157	3,163	-.2	605	601	.7
October	8,254	8,264	-.1	3,141	3,141	.0	611	610	.2
November	7,730	7,828	-1.3	2,946	2,989	-1.5	620	620	.0
December	8,556	8,550	.1	3,549	3,547	.1	676	689	-1.9

Sources: Preliminary data are from Tables 10, 45, and 46 of the *Petroleum Marketing Monthly* (PMM). Final data are from Tables 10, 45, and 46 of the *Petroleum Marketing Annual, 1992*.

Table EN5. Revision Error in Selected Volumes of 1992 First Sales Data
(Million Gallons)

Date	Total Motor Gasoline			Total No. 2 Distillate			Total Residual Fuel Oil		
	Preliminary	Final	Percent Change	Preliminary	Final	Percent Change	Preliminary	Final	Percent Change
January	9,635	9,593	0.4	4,643	4,612	0.7	1,880	1,699	-1.1
February	9,205	9,183	.2	4,058	4,019	.9	1,524	1,511	.9
March	10,076	10,032	.4	4,278	4,247	.7	1,516	1,578	-4.1
April	10,076	10,111	-.3	4,064	4,057	.2	1,481	1,481	.0
May	10,346	10,360	-.1	3,730	3,723	.2	1,288	1,288	.0
June	10,157	10,149	.1	3,639	3,649	-.3	1,318	1,318	.0
July	10,568	10,568	.0	3,723	3,715	.2	1,349	1,348	.1
August	10,262	10,257	.0	3,661	3,680	.0	1,070	1,067	.3
September	9,830	9,830	.0	3,903	3,896	.2	1,157	1,145	1.0
October	10,361	10,353	.1	4,201	4,195	.1	1,257	1,247	.8
November	9,680	9,656	.2	3,906	3,920	-.4	1,234	1,238	-.3
December	10,409	10,317	.9	4,541	4,518	.5	1,352	1,352	.0

Sources: Preliminary data are from Tables 47, 48, and 49 of the *Petroleum Marketing Monthly* (PMM). Final data are from Tables 47, 48, and 49 of the *Petroleum Marketing Annual, 1992*.

The Crude Oil Price Surveys

Background

Form EIA-182: "Domestic Crude Oil First Purchasers' Report"

Each month, EIA-182 provides data from the buyers on first purchases of domestic crude oil. A "first purchase" constitutes a transfer of ownership of crude oil during or immediately after the physical removal of the crude oil from a production property for the first time. Transactions between affiliated companies are reported as if they were "arms-length" transactions. (This definition is consistent with the Windfall Profits Tax (WPT) concepts of "first sale" and "removal price.") The primary objective is to calculate an average first purchase price at various levels of aggregation. A company's monthly average first purchase prices are volume weighted across given geographical areas and are computed from the following reported data elements:

- **Area of production.** The producing State or non-State production "area" (i.e., Alaska North Slope, Alaska Other Mainland, Federal Offshore California and Federal Offshore Gulf--about one-fifth off Texas and the remainder off Louisiana).
- **Total amount paid.** Reported f.o.b. the lease boundary and based on the actual purchase expenditures, including discounts or premiums paid.
- **Total volume purchased.** The amount of crude bought and paid for as it is measured at the lease boundary (usually at a lease automatic custody transfer unit--a LACT unit), adjusted for basic sediment and water (BS&W) and temperature.

Prices published from data collected on Form EIA-182 are calculated by dividing the sum of the total amounts paid by the sum of the total volumes purchased.

Form EIA-856: "Foreign Crude Oil Acquisition Report"

The EIA-856 provides monthly price and volume data for about 90 percent of all the crude oil imported into the United States. It also provides classification data that enable EIA to determine the terms of an acquisition. The data are reported for the parent company and all the affiliates controlled by the parent. Under this definition, the acquisition price reported for each cargo is the one paid to an unaffiliated seller, in principle an "arms-length" price, which is consistent with use of the data to represent market trends, rather than monitoring internal company transfer pricing policies.

Each month, respondents report the following for cargos acquired for U.S. importation:

- **Offshore inventories.** Crude oil owned by the respondent that is intended for importation into the United States. These inventories include oil in tankers enroute to the United States and floating or on-land storage outside the United States.
- **Crude type.** Includes the country of origin of the cargo of crude, the stream or type of crude oil (e.g., Saudi Light), and the API gravity.
- **Volume.** The number of 42 gallon barrels in the cargo.
- **Dates.** The date of loading/acquisition and the expected month of landing.
- **Transportation.** Ports of loading and landing and the name of the vessel.
- **Prices.** Acquisition cost, landed cost, and other costs such as demurrage, agent's fees, import tariffs and fees, etc. (all costs are reported in dollars per barrel).
- **Days credit.** The number of days credit is extended to the purchaser by the seller.
- **Purchase classifying information.** Type of transaction (e.g., purchase from host government), terms of transaction (spot or contract), and point of transaction (f.o.b. (free on board), country of origin or CIF (cost, insurance, and freight), U.S. port of entry).

Published prices are calculated by first multiplying the purchase volume by a price to obtain a total cost, then the sums of the total costs are divided by the sums of the purchase volumes.

The prices associated with data collected on Form EIA-856 are aggregated within the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. By design, the prices are not aggregated for the month in which they are determined, unless the acquisition and price determination month are the same. EIA-856 data reflect types of trades occurring over the entire spectrum of international crude oil markets, ranging from continuing supply agreements to spot market purchases. Prices can be determined at time of loading or at time of landing. Prices can be negotiated between the parties involved or tied to spot or futures market price levels. The methodology chosen for the EIA-856 provides a consistent historical series even though its prices may not always agree with measures of prices from other sources.

International crude oil markets are complex and dynamic. For example, a cargo of Saudi Arabian crude oil could be acquired in June at a loading port in Saudi Arabia. The cargo may land in the United States in August. The price for the crude oil could be determined by spot crude oil prices in effect during the 5 days

before and after landing. For the PMM, the price for this cargo will be aggregated in the month of June, when it was acquired. Conversely, a cargo of Brent crude may be acquired in June, but its price may have been determined in the forward Brent market in April. This cargo's price will also be aggregated in June, when the purchaser took title to the crude.

In the early 1980s, most crude oil prices were set by the country selling the crude. Gradually, as the supply of crude oil became more abundant, markets became more competitive. A robust spot market for crude evolved, in which prices for crude oil were determined by demand and supply. Frequently, the official sales price set by the selling government was considerably different than spot market assessments. As buyers began to purchase more crude oil on the spot market, the control that sellers had theretofore exercised eroded.

In order to protect their market share, crude oil producing governments began to tie prices for their crude to market-related prices. When these market-related pricing formulae came into prominence in late 1985, many crude oil prices were tied to a "netback realization," wherein a crude oil's value was determined by volume weighted spot market prices of products derivable from that crude. The weights essentially reflected the relative yield of selected products from a given crude stream. These netback-based formulae gradually gave way to formulae based on spot crude oil assessments.

The formulae and terms used by sellers of crude oil continue to change. Since the EIA-856 prices are aggregated by month of acquisition--not necessarily the same as month of price determination--they may not always show the same pattern as a series from another source (e.g., trade-press publications). During periods of dramatic change in crude oil prices, aggregate prices derived from EIA-856 data will tend to "lead" the market. That is, these prices will show the emerging trend earlier, reach the inflection point sooner, and then return to the underlying trend. When averaged over longer periods of time, however, EIA-856 prices show the same relative price movements as exogenous sources.

Form EIA-14: "Refiners' Monthly Cost Report"

The EIA-14 is a monthly census of all U.S. refiners. It collects the net acquisition costs and volumes of crude oil, both domestic and imported, on a corporate national basis (i.e., not for individual refineries). Included in the costs are all charges associated with the acquisition, transportation, and storage of crude incurred by respondents up to the time the oil is booked into their refineries.

Each month, refiners report the volume (in thousands of barrels) and costs (in thousands of dollars) for:

- **Domestic crude oil.** Oil produced in the United States or from its outer continental shelf.
- **Imported crude oil.** Oil produced outside the United States and brought into the United States for domestic processing.
- **Unfinished oils.** All other oils, both domestic and imported, requiring further refining, except those requiring only mechanical blending.

Average prices are calculated by dividing the sum of the costs by the sum of the volumes.

Respondent Frame

EIA-182:

All firms that buy domestic crude oil at the lease boundary, acquiring ownership of the crude in a first purchase transaction. The list initially was compiled from the 1974 Federal Energy Administration (FEA) Oil and Gas Survey of Producers and Operators. Collection of data from first purchasers began in February 1976. By 1978, the frame consisted of 340 respondents. Of these, 198 purchased more than 150,000 barrels per year and together represented 99.9 percent of the total reported volume.

Adjustments to the frame have mostly been "deaths," with relatively few "births." Following decontrol in January 1981, there was a major contraction of the list of active first purchasers. Many small firms went out of business or were absorbed by larger companies. More recent changes include several mergers among majors and one breakup of a major company. Currently, the EIA-182 survey collects data from 170 active respondents.

EIA-856:

All companies that were reporting data on the ERA-51, "Transfer Pricing Report," as of June 1982, are required to prepare and submit an EIA-856 each month, regardless of the total volumes of crude oil that are imported. In addition, all other companies that acquire more than 500,000 barrels of foreign crude oil in the report month for importation into the United States are required to prepare and submit an EIA-856 for that month.

EIA-14:

All refiners of crude oil in the United States, including its territories and possessions. There are currently 107 active respondents to the EIA-14.

The list of respondents to the EIA-14 is updated annually by supplementation from the EIA-782A, "Refiner/Gas Plant Operators' Monthly Petroleum Product Sales Report," and the EIA-810, "Monthly Refinery Report."

Data Collection Processing

All three crude oil data collection systems are operated independently. Each performs similar data collection and processing functions that are outlined below.

Survey data are collected by mail every month. It is mandatory for each respondent to submit completed forms to EIA no later than 30 calendar days after the close of each reference month. Telephone follow-up calls to nonrespondents begin 2 days after the established due date in order to collect all outstanding data. Late submissions and resubmissions are processed when received.

The forms are logged and reviewed manually. The data are then entered onto computer files. The files are then processed through an automated edit program which detects missing data, inconsistent prices, and outlying values that affect published estimates. Data that fail the edits are resolved through telephone calls to data reporters, and corrections and verification codes are entered onto computer files. Statistical reports, including publication tables, are then generated using only acceptable and verified data. Response rates are normally 100 percent by the time final statistics are calculated.

Nondisclosure

The data contained in this publication are subject to statistical nondisclosure procedures. The objective of the disclosure-avoidance procedures, as stated in the Energy Information Administration Standard 88-05-06, Subject: "Nondisclosure of Company Identifiable Data in Aggregate Cells," is to ensure that confidential, company-identifiable data are not disclosed in tables where "company specific responses may be proprietary and prohibited from public disclosure by 18 U.S.C. 1905." Statistics representing data aggregated from fewer than three companies or that are dominated by input from one or two companies are withheld. EIA identifies cells that are sensitive according to these criteria by applying a statistical formula to the data contained in each cell to determine if a few companies "dominate" the cell.

many tables include row or column totals, some nonsensitive data cells have been suppressed to prevent the reader from calculating the suppressed numbers by simply subtracting the published numbers from the total.

Data Continuity

The crude oil statistics published in the *Petroleum Marketing Monthly* constitute both a republishing of numbers that already appear in the *Monthly Energy Review* (MER) and the *Annual Energy Review* (AER), and a simple extension of the detail of such statistics. These statistics have been published for a number of years in the MER and AER. The data currently collected through the crude oil surveys are compatible with data used to derive statistics for the historical series. The definitions, respondents, and processing have not changed substantially over the years the data have been collected. The target populations and the computational algorithms have remained virtually unchanged.

Reliability of Data

There are two types of errors possible in an estimate based on a sample survey: sampling and nonsampling. Sampling errors occur because observations are made only on a sample, not on the entire population. Since the crude oil surveys are based on a census of the population, these surveys contain no sampling error.

Nonsampling errors can be attributed to many sources: (1) inability to obtain complete information from all respondents in the survey (i.e., nonresponse), (2) response errors, (3) definitional difficulties, (4) differences in the interpretation of questions, (5) mistakes in recording or coding the data obtained, and (6) other errors of collection, response, coverage, and estimation for missing data.

Although no direct measurement of the biases due to nonsampling errors can be obtained, precautionary steps were taken in all phases of the frame development and data collection, processing, and tabulation processes, in an effort to minimize their influence. In addition, the close cooperative consultation between EIA and the survey respondents and data users results in a more accurate information gathering and reporting process.

Imputation

Since the response rates for the crude oil survey are virtually 100 percent, there are no imputation procedures in the PMM data for nonresponse to these surveys. Imputation is performed, however, on EIA-182 volume data used in estimating crude oil production published in the *Petroleum Supply Monthly* (PSM). Since production estimates for the PSM are required on an expedited schedule, some responses are imputed for the PSM. However, all responses are received prior to the publication of the PMM, thus no imputation is required for the price data published in the PMM. See Note 8 in the Explanatory Notes in the PSM for additional information on the use of EIA-182 data in estimating domestic crude oil production.

Revision Error

The crude oil values shown for Domestic First Purchase Prices and Refiner Acquisition Cost (RAC) for the current month and for Average Landed Costs for the current 2 months are preliminary. These numbers are revised in the month after the preliminary month(s) based on data received late or revisions received. For example, in the February publication, the February RAC data are preliminary and the January RAC data may have been revised due to receipt of late or revised data. The data are final upon publication in the *Petroleum Marketing Annual* (PMA). The difference between the data when they first appear in the *Petroleum Marketing Monthly* (PMM) and when they appear in the PMA is called the revision error. The amount of revision error for some selected crude oil data series is shown in the tables which follow.

Table EN6. 1992 Revision Error: Form EIA-14¹
(Dollars per Barrel)

Date	Refiner Acquisition Costs								
	Domestic			Imported			Composite		
	Preliminary	Final	Difference	Preliminary	Final	Difference	Preliminary	Final	Difference
January	16.76	16.80	-0.04	15.98	16.10	-0.12	16.42	16.50	-0.08
February	16.48	16.54	-0.06	16.17	16.00	.17	16.35	16.30	.05
March	16.81	16.71	.10	16.36	16.36	.00	16.62	16.56	.06
April	17.89	17.88	.00	17.37	17.37	.00	17.66	17.66	.00
May	18.86	18.86	.00	18.79	18.79	.00	18.83	18.83	.00
June	20.02	20.13	-.11	19.63	19.83	-.20	19.84	19.99	-.15
July	20.42	20.42	.00	19.74	19.74	.00	20.10	20.10	.00
August	19.84	19.84	.00	19.25	19.25	.00	19.56	19.56	.00
September	19.88	19.88	.00	19.26	19.26	.00	19.59	19.59	.00
October	19.64	19.64	.00	19.22	19.34	-.12	19.44	19.42	.02
November	18.81	18.90	-.09	18.37	18.40	-.03	18.80	18.86	-.06
December	17.85	17.85	.00	16.94	16.94	.00	17.43	17.43	.00

¹ "Refiners' Monthly Cost Report"

Sources: Preliminary data are from Table 1 of the *Petroleum Marketing Monthly* for each respective month. Final data are from Table 1 of the *Petroleum Marketing Annual*, 1992.

Table EN7. 1992 Revision Error: Form EIA-182¹
(Dollars per Barrel)

Month	Preliminary	Final	Difference
January	13.94	13.99	-0.05
February	13.98	14.04	-0.06
March	14.12	14.12	.00
April	15.37	15.36	.01
May	16.42	16.38	.04
June	17.98	17.96	.02
July	17.80	17.80	.00
August	17.09	17.07	.02
September	17.19	17.20	-.01
October	17.18	17.16	.02
November	16.03	16.00	.03
December	14.93	14.94	-.01

¹ "Domestic Crude Oil First Purchase Report"

Sources: Preliminary data are from Table 1 of the *Petroleum Marketing Monthly* for each respective month. Final data are from Table 1 of the *Petroleum Marketing Annual*, 1992.

Table EN8. 1992 Revision Error: Form EIA-856¹
(Dollars per Barrel)

Month	FOB Cost of Imports			Landed Cost of Imports		
	Preliminary	Final	Difference	Preliminary	Final	Difference
January	14.15	14.32	-0.17	15.14	15.28	-0.14
February	14.36	14.68	-.32	15.30	15.60	-.30
March	14.64	14.96	-.32	15.64	16.00	-.36
April	16.13	16.57	-.44	16.85	17.40	-.55
May	17.27	17.56	-.29	18.09	18.38	-.29
June	18.36	18.38	-.02	19.42	19.44	-.02
July	17.94	18.01	-.07	19.08	19.13	-.05
August	17.61	17.65	-.04	18.63	18.74	-.11
September	18.01	18.04	-.03	18.88	18.90	-.02
October	17.80	17.68	.12	18.90	18.75	.15
November	16.45	16.49	-.04	17.79	17.64	.15
December	15.49	15.62	-.13	16.48	16.58	-.10

¹ "Monthly Foreign Crude Oil Acquisition Report"

Sources: Preliminary data are from Table 1 of the *Petroleum Marketing Monthly* for each respective month. Final data are from Table 1 of the *Petroleum Marketing Annual, 1992*.

Product Guide

Product Guide

Category	Table		
	Prices	Volumes	Prime Supplier Sales
Crude Oil			
Refiner Acquisition Cost			
U.S. Average	1	--	--
-by type of refiner	19	--	--
Domestic First Purchases			
U.S. Average	1	--	--
U.S., PAD District, and State	20	--	--
Imports			
FOB Costs			
-from selected countries	1	--	--
-by API gravity	21	--	--
-for selected crude streams	23	--	--
Landed Costs			
-from selected countries	26	--	--
-by API gravity	22	--	--
-for selected crude streams	24	--	--
	27	--	--
Motor Gasoline			
U.S. Average or Total	HL1	HL1	47
-by seller type	6, 7	8, 9	--
-detailed sales type data	10	10	--
-from 1978 to present	2, 4, 13	--	--
-from 1983 to present	11	3, 5, 12, 14	--
U.S., PAD District, and State			
-by seller type with			
detailed sales type data	28, 29, 30	42	--
U.S. and State	--	--	47
Leaded Motor Gasoline			
U.S. Average or Total	HL1	HL1	47
-by seller type	6, 7	8, 9	--
U.S., PAD District, and State			
-detailed sales type data	28, 29, 31	43	--
U.S. and State	--	--	47
Unleaded Regular Motor Gasoline			
U.S. Average or Total	HL1	HL1	47
-by seller type	6, 7	8, 9	--
U.S., PAD District, and State			
-detailed sales type data	28, 29, 32	43	--
U.S. and State	--	--	47
Unleaded Midgrade Motor Gasoline			
U.S. Average or Total	HL1	HL1	47
-by seller type	6, 7	8, 9	--
U.S., PAD District, and State			
-detailed sales type data	28, 29, 33	43	--
U.S. and State	--	--	47
Premium Motor Gasoline			
U.S. Average or Total	HL1	HL1	47
-by seller type	6, 7	8, 9	--
U.S., PAD District, and State			
-detailed sales type data	28, 29, 34	43	--
U.S. and State	--	--	47

Product Guide

Category	Table		
	Prices	Volumes	Prime Supplier Sales
Aviation Gasoline			
U.S. Average or Total	HL1	HL1	48
-by seller type	6, 7	8, 9	---
-from 1978 to present	2, 4	---	---
-from 1983 to present	---	---	---
U.S., PAD District, and State	---	3, 5	---
U.S. and State	35	44	---
	---	---	48
Kerosene-Type Jet Fuel			
U.S. Average or Total	HL1	HL1	48
-by seller type	6, 7	8, 9	---
-from 1978 to present	2, 4	---	---
-from 1983 to present	---	---	---
U.S., PAD District, and State	---	3, 5	---
U.S. and State	35	44	---
	---	---	48
Propane, Consumer Grade			
U.S. Average or Total	HL1	HL1	48
-by seller type	6, 7	8, 9	---
-from 1978 to present	2, 4	---	---
-from 1983 to present	---	---	---
U.S., PAD District, and State	---	3, 5	---
U.S. and State	35	44	---
	---	---	48
Kerosene			
U.S. Average or Total	HL1	HL1	---
-by seller type	6, 7	8, 9	---
-from 1978 to present	2, 4	---	---
-from 1983 to present	---	---	---
U.S., PAD District, and State	---	3, 5	---
U.S. and State	36	45	---
No. 1 Distillate			
U.S. Average or Total	HL1	HL1	---
-by seller type	6, 7	8, 9	---
-from 1978 to present	2, 4	---	---
-from 1983 to present	---	---	---
U.S., PAD District, and State	---	3, 5	---
U.S. and State	36	45	---
No. 2 Distillate			
U.S. Average or Total	HL1	HL1	49
-by seller type	6, 7	8, 9	---
-from 1978 to present	2, 4, 16	---	---
-from 1983 to present	15	---	---
U.S., PAD District, and State	---	3, 5	---
-with detailed sales type data	---	---	---
U.S. and State	36, 37, 38	45	---
	---	---	49
No. 2 Fuel Oil			
U.S. Average or Total	HL1	HL1	49
-by seller type	6, 7	8, 9	---
-from 1978 to present	2, 4	---	---
-from 1983 to present	---	---	---
U.S., PAD District, and State	---	3, 5	---
-with detailed sales type data	39	---	---
U.S. and State	---	---	49

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Category	Table		
	Prices	Volumes	Prime Supplier Sales
No. 2 Diesel Fuel			
U.S. Average or Total	HL1	HL1	49
-by seller type	6, 7	8, 9	--
-from 1978 to present	2, 4	--	--
-from 1983 to present	--	3, 5	--
U.S. and State	--	--	49
No. 4 Fuel			
U.S. Average or Total	HL1	HL1	--
-by seller type	6, 7	8, 9	--
-from 1978 to present	2, 4	--	--
-from 1983 to present	--	3, 5	--
U.S. and PAD District	40	46	--
Residual Fuel Oil			
U.S. Average or Total	HL1	HL1	48
-by seller type	6, 7	8, 9	--
-from 1978 to present	2, 4, 17	--	--
-from 1983 to present	--	3, 5, 18	--
U.S., PAD District, and/or State	40, 41	46	--
U.S. and State	--	--	48
Residual Fuel Oil (sulfur content less than or equal to 1 percent)			
U.S. Average or Total	HL1	HL1	--
-by seller type	6, 7	8, 9	--
-from 1978 to present	17	--	--
-from 1983 to present	--	18	--
U.S., PAD District, and/or State	40, 41	46	--
Residual Fuel Oil (sulfur content greater than 1 percent)			
U.S. Average or Total	HL1	HL1	--
-by seller type	6, 7	8, 9	--
-from 1978 to present	17	--	--
-from 1983 to present	--	18	--
U.S., PAD District, and/or State	40, 41	46	--

-- = Not applicable

Glossary

Glossary

API Gravity: An arbitrary scale expressing the gravity or density of liquid petroleum products. The measuring scale is calibrated in terms of degrees API; it may be calculated in terms of the following formula:

$$\text{Deg API} = \frac{141.5}{\text{sp gr}_{60\text{degF}/60\text{degF}}} - 131.5$$

The higher the API gravity, the lighter the compound. Light crudes generally exceed 38 degrees API and heavy crudes are commonly labeled as all crudes with an API gravity of 22 degrees or below. Intermediate crudes fall in the range of 22 degrees to 38 degrees API gravity.

Aviation Gasoline (Finished): All special grades of gasoline for use in aviation reciprocating engines, as given in ASTM Specification D 910 and Military Specification MIL-G-5572. Excludes blending components which will be used in blending or compounding into finished aviation gasoline.

Barrel: One barrel of crude oil contains 42 gallons.

CIF: Cost, insurance, and freight. A transaction for which the seller assumes the costs and risks of bringing the product to the point of destination (generally the port of landing). Thus, a CIF price is a delivered price.

Commercial/Institutional: Firms engaged in transportation, wholesale or retail trade, finance, insurance, and real estate. Also included are apartment buildings/complexes and other multifamily dwellings, hotels and office buildings or complexes, local, State, or Federal facilities or organizations including the military, schools, hospitals, religious institutions, universities, and all other Government-supported organizations.

Company Outlet: Any retail outlet (e.g., service station) selling gasoline or diesel fuel that is under the direct control of the company filing this report by virtue of the ability to set the retail product price and directly collect all or part of the retail margin. This category includes retail outlets: (1) being operated by salaried employees of the company and/or its subsidiaries and affiliates, and/or (2) involving personnel services contracted by the company.

Crude Oil (including lease condensate): A mixture of hydrocarbons that existed in liquid phase in under-

ground reservoirs and remains liquid at atmospheric pressure after passing through surface separating facilities. Includes lease condensate and drip gas, as well as liquid hydrocarbons produced from tar sands, gilsonite, and oil shale. Excludes topped crude oil, residual oil, other unfinished oils, and liquids produced at natural gas processing plants and mixed with crude oil, where identifiable. Crude oil is considered as either domestic or imported according to the following:

1. **Domestic Crude Oil:** Crude oil produced in the United States or from its "outer continental shelf" as defined in 43 U.S.C. 1331.
2. **Imported Crude Oil:** Crude oil produced outside the United States and brought into the United States.
3. **First purchase volume and cost data for crude oil** are classified in accordance with what the product was sold as, regardless of the actual specifications. Hence, its volumes may include some of the excluded liquids discussed above.

Crude Oil Acquisitions (unfinished oil acquisitions): The volume of crude oil either (1) acquired by the respondent for processing for his own account in accordance with accounting procedures generally accepted and consistently and historically applied by the refiner concerned, or (2) in the case of a processing agreement, delivered to another refinery for processing for the respondent's own account.

Crude oil which has been added by a refiner to inventory, and which is thereafter sold or otherwise disposed of without processing for the account of that refiner, shall be deducted from its crude oil purchases at the time when the related cost is deducted from refinery inventory in accordance with accounting procedures generally applied by the refiner concerned.

Distillate Fuel Oil: A general classification for one of the petroleum fractions produced in conventional distillation operations. It is used primarily for space heating, on- and off-highway diesel engine fuel (including railroad engine fuel and fuel for agricultural machinery), and electric power generation. Included are products known as No. 1, No. 2, and No. 4 fuel oils and No. 1, No. 2, and No. 4 diesel fuels.

1. **No. 1 Distillate:** A petroleum distillate which meets the specifications for No. 1 heating or fuel

oil as defined in ASTM D 396 and/or the specifications for No. 1 diesel fuel as defined in ASTM Specification D 975.

- a. **No. 1 Diesel Fuel:** A volatile distillate fuel oil with a boiling range between 300-575 degrees Fahrenheit and used in high-speed diesel engines generally operated under wide variations in speed and load. Includes type C-B diesel fuel used for city buses and similar operations. Properties are defined in ASTM Specification D 975.
 - b. **No. 1 Fuel Oil:** A light distillate fuel oil intended for use in vaporizing pot-type burners. ASTM Specification D 396 specifies for this grade maximum distillation temperatures of 400 degrees Fahrenheit at the 10-percent recovery point and 550 degrees Fahrenheit at the 90-percent point, and kinematic viscosities between 1.4 and 2.2 centistokes at 100 degrees Fahrenheit.
2. **No. 2 Distillate:** A petroleum distillate which meets the specifications for No. 2 heating or fuel oil as defined in ASTM D 396 and/or the specifications for No. 2 diesel fuel as defined in ASTM Specification D 975.
- a. **No. 2 Diesel Fuel:** A gas oil type distillate of lower volatility with distillation temperatures at the 90-percent point between 540-640 degrees Fahrenheit for use in high speed diesel engines generally operated under uniform speed and load conditions. Includes Type R-R diesel fuel used for railroad locomotive engines, and Type T-T for diesel-engine trucks. Properties are defined in ASTM Specification D 975.
 - b. **No. 2 Fuel Oil:** A distillate fuel oil for use in atomizing type burners for domestic heating or for moderate capacity commercial-industrial burner units. ASTM Specification D 396 specifies for this grade distillation temperatures at the 90-percent point between 540 and 640 degrees Fahrenheit, and kinematic viscosities between 2.0 and 3.6 centistokes at 100 degrees Fahrenheit.

NOTE: Published volume and price data for No. 2 diesel fuel and No. 2 fuel oil are classified in accordance to what the product was sold as, regardless of the actual specifications of that product; i.e., if a No. 2 distillate was sold as a heating or fuel oil, the volume and price would be published in the category "No. 2 Fuel Oil" even if the product conformed to the higher specifications of a diesel fuel.

3. **No. 4 Fuel:** A fuel oil for commercial burner installations not equipped with preheating facilities. It is used extensively in industrial plants. This

grade is a blend of distillate fuel oil and residual fuel oil stocks that conforms to ASTM Specification D 396 or Federal Specification VV-F-815C; its kinematic viscosity is between 5.8 and 26.4 centistokes at 100 degrees Fahrenheit. Also included is No. 4-D, a fuel oil for low- and medium-speed diesel engines that conforms to ASTM Specification D 975.

First Purchase (of crude oil): An equity (not custody) transaction involving an arms-length transfer of ownership of crude oil associated with the physical removal of the crude oil from a property (lease) for the first time. A first purchase normally occurs at the time and place of ownership transfer where the crude oil volume sold is measured and recorded on a run ticket or other similar physical evidence of purchase. The reported cost is the actual amount paid by the purchaser, allowing for any adjustments (deductions or premiums) passed on to the producer or royalty owner.

F.O.B. Price (free on board): The f.o.b. price is the price actually charged at the producing country's port of loading. The reported price includes deductions for any rebates and discounts or additions of premiums where applicable and should be the actual price paid with no adjustment for credit terms.

Gas Plant Operator: Any firm, including a gas plant owner, which operates a gas plant and keeps the gas plant records. A gas plant is a facility in which natural gas liquids are separated from natural gas, or in which natural gas liquids are fractionated or otherwise separated into natural gas liquid products or both. For the purposes of this publication, gas plant operator data are contained in the refiner categories.

Gasohol: A blend of finished motor gasoline (leaded or unleaded) and alcohol (generally ethanol but sometimes methanol) in which 10 percent or more of the product is alcohol. For the purposes of this publication, gasohol may be included in any of the grades of gasoline, depending on how it was marketed.

Industrial: Firms engaged in mining, construction, or manufacturing.

Kerosene: A petroleum distillate that has a maximum distillation temperature of 401 degrees Fahrenheit at the 10-percent recovery point, a final boiling point of 572 degrees Fahrenheit, and a minimum flash point of 100 degrees Fahrenheit. Included are the two grades designated in ASTM D3699: No. 1-K and No. 2-K, and all grades of kerosene called range or stove oil. Kerosene is used in space heaters, cook stoves, and water heaters; it is suitable for use as an illuminant when burned in wick lamps.

Kerosene-Type Jet Fuel: A quality kerosene product with an average gravity of 40.7 degrees API, and a 10-percent distillation temperature of 400 degrees Fahrenheit. It is covered by ASTM Specification D

1655 and Military Specification MIL-T-5624L (Grades JP-5 and JP-8). A relatively low freezing point distillate of the kerosene type, it is used primarily for commercial turbojet and turboprop aircraft engines.

Landed Cost: Landed cost represents the dollar per barrel price of crude oil at the port of discharge. Includes charges associated with the purchase, transporting, and insuring of a cargo from the purchase point to the port of discharge. Does not include charges incurred at the discharge port (e.g., import tariffs or fees, wharfage charges, and demurrage).

Major Refiners: Refiners with a total refinery capacity in the United States and its possessions of greater than or equal to 275,000 barrels per day as of January 1, 1982. See Tables 5 and 6 of the *Petroleum Supply Annual*, 1981 (pages 107-137) for a listing of refiners and their capacities. The following companies comprise the major refiners for this survey:

Amerada Hess; Amoco Oil Company; Ashland Oil, Inc.; Atlantic Richfield Company; BP Oil; Champlin Refining; Chevron; Citgo Petroleum; Conoco Inc.; Exxon; Lyondell Petrochemical; Marathon Oil Company; Mobil Oil Corporation; Phillips Petroleum Company; Shell Oil Company; Star Enterprise; Sun Company, Inc.; Texaco, Inc.; Unocal (formerly Union Oil Company of California); and Uno-Ven Company.

Prior to being acquired by other major refiners, Getty Oil Company and the Gulf Oil Corporation were also included as major refiners.

Motor Gasoline (Finished): A complex mixture of relatively volatile hydrocarbons, with or without small quantities of additives, blended to form a fuel suitable for use in spark-ignition engines. Specifications for motor gasoline, as given in ASTM Specification D 439-88 or Federal Specification VV-G-1690B, include a boiling range of 122 to 158 degrees Fahrenheit at the 10-percent point to 365 to 374 degrees Fahrenheit at the 90-percent point and a Reid vapor pressure range from 9 to 15 psi. "Motor gasoline" includes finished leaded gasoline, finished unleaded gasoline, and gasohol. Blendstock is excluded until blending has been completed. (Alcohol that is to be used in the blending of gasohol is also excluded.)

1. **Leaded Regular Gasoline:** Gasoline having an antiknock index ($R+M/2$) greater than or equal to 87 and less than or equal to 90, and containing more than 0.05 grams of lead or 0.005 grams of phosphorus per gallon.
2. **Unleaded Regular Gasoline:** Gasoline having an antiknock index ($R+M/2$) greater than or equal to 85 and less than 88, and containing not more than 0.05 grams of lead or 0.005 grams of phosphorus per gallon.

3. **Unleaded Midgrade Gasoline:** Gasoline having an antiknock index ($R+M/2$) greater than or equal to 88 and less than or equal to 90, and containing not more than 0.05 grams of lead or 0.005 grams of phosphorus per gallon.

4. **Premium Gasoline:** Gasoline having an antiknock index ($R+M/2$) greater than 90. Includes both *leaded* and *unleaded* premium gasoline.

- a. **Leaded Premium Gasoline:** Gasoline having an antiknock index ($R+M/2$) greater than 90, and containing more than 0.05 grams of lead or 0.005 grams of phosphorus per gallon.

- b. **Unleaded Premium Gasoline:** Gasoline having an antiknock index ($R+M/2$) greater than 90, and containing not more than 0.05 grams of lead or 0.005 grams of phosphorus per gallon.

Naphtha: A generic term applied to a petroleum fraction with an approximate boiling range between 122 and 400 degrees F.

Naphtha-Type Jet Fuel: A fuel in the heavy naphtha boiling range with an average gravity of 52.8 degrees API and 20 to 90 percent distillation temperatures of 290 degrees to 470 degrees F., meeting Military Specification MIL-T-5624L (Grade Jp-4). JP-4 is used for turbojet and turboprop aircraft engines, primarily by the military. Excludes ram-jet and petroleum rocket fuels.

OPEC: The acronym for the Organization of Petroleum Exporting Countries, oil-producing and exporting countries that have organized for the purpose of negotiating with oil companies on matters of oil production, prices, and future concession rights. Current members are Algeria, Ecuador, Gabon, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates, and Venezuela.

Other End Users: For motor gasoline, all direct sales to end users other than those made through company outlets. For No. 2 distillate, all direct sales to end users other than residential, commercial/institutional, industrial sales, and sales through company outlets. Included in the "other end users" category are sales to utilities and agriculture.

Other Refiners: Refiners with a total refinery capacity in the United States and its possessions of less than 275,000 barrels per day as of January 1, 1982. See Tables 5 and 6 of the *Petroleum Supply Annual*, 1981 (pages 107-137) for a listing of refiners and their capacities.

PAD District: Petroleum Administration for Defense Districts

PAD District I:

Subdistrict IA: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont.

Subdistrict IB: Delaware, District of Columbia, Maryland, New Jersey, New York, Pennsylvania.

Subdistrict IC: Florida, Georgia, North Carolina, South Carolina, Virginia, West Virginia.

PAD District II:

Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, North Dakota, South Dakota, Ohio, Oklahoma, Tennessee, Wisconsin.

PAD District III:

Alabama, Arkansas, Louisiana, Mississippi, New Mexico, Texas, Federal Offshore Gulf.

PAD District IV:

Colorado, Idaho, Montana, Utah, Wyoming.

PAD District V:

Alaska (North Slope and Other Mainland), Arizona, California, Hawaii, Nevada, Oregon, Washington, Federal Offshore California.

Prime Supplier: A firm that produces, imports, or transports any of the selected petroleum products across State boundaries and local marketing areas and sells the product to local distributors, local retailers, or end users.

Propane, Consumer Grade: A normally gaseous paraffinic compound (C₃H₈), which includes all products covered by Natural Gas Policy Act (NGPA) Specifications for commercial use and HD-5 propane and ASTM Specification D 1835. Excludes feedstock propanes, which are propanes not classified as consumer grade propanes, including the propane portion of any natural gas liquids (NGL) mixes; i.e., butane-propane mix.

Reference Month: The calendar month and year to which the reported cost, price, and volume information relates.

Refiner: A firm or the part of a firm that refines products or blends and substantially changes products, or refines liquid hydrocarbons from oil and gas field gases, or recovers liquefied petroleum gases incident to petroleum refining and sells those products to resellers, retailers, resellers/retailers, or ultimate consumers. "Refiner" includes any owner of products which contracts to have those products refined and then sells the refined products to resellers, retailers, or ultimate consumers. For the purposes of this publication, gas plant operator data are included in this category.

Reseller: A firm (other than a refiner) that carries on the trade or business of purchasing refined petroleum products and reselling them without substantially changing their form to purchasers other than ultimate consumers.

Reseller/Retailer: A firm (other than a refiner) that carries on the trade or business activities of both a reseller and a retailer; i.e., purchasing refined petroleum products and reselling them without substantially changing their form to purchasers who may be either ultimate or other than ultimate consumers.

Residential: In cases of sales of No. 2 fuel oil, includes individual customers or households (as opposed to businesses or institutions) that ostensibly use the fuel in a residence. Sales to apartment buildings/complexes or to other multifamily dwellings are excluded from the residential category and are included in the commercial/institutional category.

Residual Fuel Oils: The topped crude of refinery operations, which includes No. 5 and No. 6 fuel oils as defined in ASTM Specification D 396 and Federal Specification VV-F-815C, Navy Special fuel oil as defined in Military Specification MIL-F-859E including Amendment 2 (NATO symbol F-77), and bunker C fuel oil. Residual fuel oil is used for the production of electric power, space heating, vessel bunkering, and various industrial purposes.

Retailer: A firm (other than a refiner, reseller, or reseller/retailer) that carries on the trade or business of purchasing refined petroleum products and reselling them to ultimate consumers without substantially changing their form.

Sale: The transfer of title from the seller to a buyer for a price. Excludes intrafirm transfers, products consumed directly by the reporting firm, or sales of bonded fuel. Also excludes products delivered/loaned to exchange partners, except where the amount given up exceeds the amount received and the differential is invoiced as a sale during the reference month.

Sales to End Users: Sales made directly to the consumer of the product. Includes bulk consumers such as agriculture, industry, and utilities, as well as residential and commercial consumers.

Sales for Resale: Sales of refined petroleum products to purchasers who are other-than-ultimate consumers; wholesale sales.

Sales Type: Sales categories of sales to end users and sales for resale.

Seller Type: Categories of major refiners and other refiners and gas plant operators.

Unit Price: Total revenue derived from the sale of product during the reference month divided by the

total volume sold; also known as the weighted average price. Total revenue excludes all taxes but includes transportation costs that were paid as part of the purchase price.

United States: For the crude oil statistics, the United States includes the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, and all American Territories and Possessions. For the petroleum products data, United States includes the 50 States and the District of Columbia.

Wellhead: The point at which the crude (and/or natural gas) exits the ground. Following historical precedent, the volume and price for crude oil production are labeled as "wellhead," even though the cost and volume are now generally measured at the lease boundary. In the context of domestic crude price data, the term "wellhead" is the generic term used to reference the production site or lease property.

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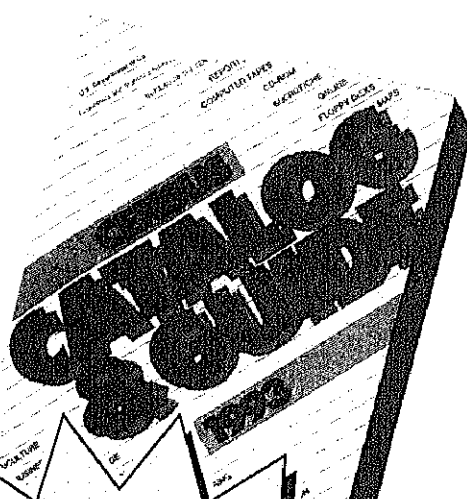
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